


**EPK 08-2**

Version	09-2024
Color	Black
Description:	Closed Cell EPDM – Very Soft

**FICHE TECHNIQUE – TECHNICAL DATA SHEET**


Properties	Standard	Results
<b>MATERIAL BASE</b>	ISO 1629	EPDM Ethylène – Propylene – Diene – Rubber
<b>Density</b>	ISO 845	80 +/- 20 kg/m3
<b>Classification</b>	ASTM D1056-07	2A1
	NFR 99211	2C08 A1 B3
<b>Hardness</b>	Shore 00	30 +/- 15
<b>Compression Deflection 25 %</b>	ASTM D1056	20-40 kPa
<b>Compression Deflection 50 %</b>	ASTM D1056	50-100 kPa
<b>Compression Deflection after ageing, change from original limits</b>	ASTM D1056-07	+/- 30 %
<b>Compression Set 50 %, 24H, 23°C</b>	ASTM D1056	< 25 %
<b>Compression Set 50 %, 22H 40°C</b>	ASTM D1056-07	31,8 % average
<b>Tensile Strength</b>	ISO 1798	> 200kPa
<b>Linear Shrinkage 22h – 70°C</b>	ASTM D253	< 15 %
<b>Elongation to Break / Rupture</b>	ISO 1798	160 –210 %
<b>Water Absorption</b>	ISO 6916	< 3 %
<b>Flame Retardancy</b>	FMVSS302	< 100 mm/min
<b>Ozone Resistance</b>	ISO 1431-1	No Cracking
<b>Resistance AIR + UV</b>		Very Good
<b>Temperature Range</b>	Constant	-50°C + 95°C
	Intermittent	+100°C
<b>Environmental Protection</b> 		Recyclable // CFC & HCFC free REACH – ROHS // IMDS available // PFAS free CMRT compliant
<b>Storage Conditions</b>	As mentioned in our Sales Conditions	To be stored in a well-ventilated place at Room Temperature
<b>Form of Delivery</b>	<i>Blocks or Sheets &amp; Rolls</i> <i>Block EPK 08-2 dimensions: 2000 x 1000 x 58 mm (+/-3)</i> <i>2 skins – 4 sides trimmed.</i> <i>Rolls and sheets are usually available from 1.5 mm to block thickness</i>	

This information is based according to our knowledge. Values should be considered as average. It is up to the customer responsibility to check if this material is suitable for its applications. These data cannot be considered as binding and the company accepts no liability.

# EPK 100

Version	09-2024
Color	Black
Description:	Closed Cell EPDM – Soft

## FICHE TECHNIQUE – TECHNICAL DATA SHEET


Properties	Standard	Results
<b>MATERIAL BASE</b>	ISO 1629	EPDM Ethylène – Propylène – Diène – Rubber
<b>Density</b>	ISO 845	100 +/- 20 kg/m3
<b>Classification</b>	ASTM D1056-07	2A1-A2
	NFR 99211	2C08 A1 B3
<b>Hardness</b>	Shore 00	40 +/- 10
<b>Compression Deflection 25 %</b>	ASTM D1056	20-40 kPa
<b>Compression Deflection 50 %</b>	ASTM D1056	60-120 kPa
<b>Compression Deflection after ageing, change from original limits</b>	ASTM D1056-07	+/- 30 %
<b>Compression Set 50 %, 24H, 23°C</b>	ASTM D1056	< 30 %
<b>Compression Set 50 %, 22H 40°C</b>	ASTM D1056-07	30,3 %
<b>Tensile Strength</b>	ISO 1798	> 200kPa
<b>Linear Shrinkage 22h – 70°C</b>	ASTM D253	< 15 %
<b>Elongation to Break / Rupture</b>	ISO 1798	180 %
<b>Water Absorption</b>	ISO 6916	< 3 %
<b>Flame Retardancy</b>	FMVSS302	< 100 mm/min
<b>Ozone Resistance</b>	ISO 1431-1	No Cracking
<b>Resistance AIR + UV</b>		Very Good
<b>Temperature Range</b>	Constant	-30°C + 80°C
	Intermittent	+100°C
<b>Environmental Protection</b> 		Recyclable // CFC & HCFC free REACH – ROHS // IMDS available // PFAS free CMRT compliant
<b>Storage Conditions</b>	As mentioned in our Sales Conditions	To be stored in a well-ventilated place at Room Temperature
<b>Form of Delivery</b>	<i>Blocks or Sheets &amp; Rolls</i> <i>Block EPK 100 dimensions: 2000 x 1000 x 58 mm (+/-3)</i> <i>2 skins – 4 sides trimmed.</i> <i>Rolls and sheets are usually available from 1.2 mm to block thickness</i>	

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# EPK 15-2

Version	09-2024
Color	Black
Description:	Closed Cell EPDM – Standard – Medium

## FICHE TECHNIQUE – TECHNICAL DATA SHEET


Properties	Standard	Results
<b>MATERIAL BASE</b>	ISO 1629	EPDM Ethylène – Propylene – Diene – Rubber
<b>Density</b>	ISO 845	130 +/- 30 kg/m3
<b>Classification</b>	ASTM D1056-07	2A2
	NFR 99211	2C08 A1 B3
<b>Hardness</b>	Shore 00	40 +/- 10
<b>Compression Deflection 25 %</b>	ASTM D1056	30-60 kPa
<b>Compression Deflection 50 %</b>	ASTM D1056	80-160 kPa
<b>Compression Deflection after ageing, change from original limits</b>	ASTM D1056-07	+/- 30 %
<b>Compression Set 50 %, 24H, 23°C</b>	ASTM D1056	< 25 %
<b>Compression Set 50 %, 22H 40°C</b>	ASTM D1056-07	29,1 %
<b>Tensile Strength</b>	ISO 1798	> 400kPa
<b>Linear Shrinkage 22h – 70°C</b>	ASTM D253	< 15 %
<b>Elongation to Break / Rupture</b>	ISO 1798	150 %
<b>Water Absorption</b>	ISO 6916	< 3 %
<b>Water Tightness</b>	TL 52065	No Leak
<b>Flame Retardancy</b>	FMVSS302	< 100 mm/min
<b>Ozone Resistance</b>	ISO 1431-1	No Cracking
<b>Resistance AIR + UV</b>		Very Good
<b>Temperature Range</b>	Constant	-40°C + 110°C
	Intermittent	+135°C
<b>Environmental Protection</b> 		Recyclable // CFC & HCFC free REACH – ROHS // IMDS available // PFAS free CMRT compliant
<b>Storage Conditions</b>	As mentioned in our Sales Conditions	To be stored in a well-ventilated place at Room Temperature
<b>Form of Delivery</b>	<i>Blocks or Sheets &amp; Rolls</i> <i>Block EPK 15-2 dimensions: 2000 x 1000 x 68 mm (+/-3)</i> <i>2 skins – 4 sides trimmed.</i> <i>Rolls and sheets are usually available from 1.2 mm to block thickness</i>	

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# EPK 15 OG

Version	09-2024
Color	Black
Description:	Closed Cell EPDM – Standard – Medium

## FICHE TECHNIQUE – TECHNICAL DATA SHEET


Properties	Standard	Results
<b>MATERIAL BASE</b>	ISO 1629	BIO EPDM – ORGANIC* (sulfur free)
<b>Density</b>	ISO 845	130 +/- 30 kg/m <sup>3</sup>
<b>Classification</b>	ASTM D1056-07	2A2
	NFR 99211	2C08 A1 B3
<b>Hardness</b>	Shore 00	40 +/- 10
<b>Compression Deflection 25 %</b>	ASTM D1056	30-60 kPa
<b>Compression Deflection 50 %</b>	ASTM D1056	80-160 kPa
<b>Compression Deflection after ageing, change from original limits</b>	ASTM D1056-07	+/- 30 %
<b>Compression Set 50 %, 24H, 23°C</b>	ASTM D1056	< 20 %
<b>Compression Set 50 %, 22H 40°C</b>	ASTM D1056-07	TEST ON PROGRESS
<b>Tensile Strength</b>	ISO 1798	450 – 600 kPa
<b>Linear Shrinkage 22h – 70°C</b>	ASTM D253	< 15 %
<b>Elongation to Break / Rupture</b>	ISO 1798	180 - 300 %
<b>Water Absorption</b>	ISO 6916	< 3 %
<b>Water Tightness</b>	TL 52065	No Leak
<b>Flame Retardancy</b>	FMVSS302	< 100 mm/min
<b>Ozone Resistance</b>	ISO 1431-1	No Cracking
<b>Resistance AIR + UV</b>		Very Good
<b>Temperature Range</b>	Constant	-40°C + 90°C
	Intermittent	+120°C
<b>Environmental Protection</b> 		Recyclable // CFC & HCFC free REACH – ROHS // IMDS available // PFAS free CMRT compliant EPK 15 OG rubber contains up to 70 percent of ethylene obtained from Organic Materials. EPK 15 OG ensures a significantly better CO <sub>2</sub> footprint than petroleum-based polymers.
<b>Storage Conditions</b>	As mentioned in our Sales Conditions	To be stored in a well-ventilated place at Room Temperature
<b>Form of Delivery</b>	<i>Blocks or Sheets &amp; Rolls</i> <i>Block EPK 15 OG dimensions: 2000 x 1000 x 58 mm (+/-3)</i> <i>2 skins – 4 sides trimmed.</i> <i>Rolls and sheets are usually available from 1.2 mm to block thickness</i>	

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# EPK 17-2

Version	10-2024
Color	Black
Description:	Closed Cell EPDM – High Density

## FICHE TECHNIQUE – TECHNICAL DATA SHEET


Properties	Standard	Results
<b>MATERIAL BASE</b>	ISO 1629	EPDM Ethylène – Propylene – Diene – Rubber
<b>Density</b>	ISO 845	170 +/- 20 kg/m3
<b>Classification</b>	ASTM D1056-07	2A2
	NFR 99211	2C08 B4 P2 C2
<b>Hardness</b>	Shore 00	50 +/- 10
<b>Compression Deflection 25 %</b>	ASTM D1056	50-70 kPa
<b>Compression Deflection 50 %</b>	ASTM D1056	100-160 kPa
<b>Compression Deflection after ageing, change from original limits</b>	ASTM D1056-07	+/- 30 %
<b>Compression Set 50 %, 24H, 23°C</b>	ASTM D1056	< 14 %
<b>Compression Set 50 %, 22H 40°C</b>	ASTM D1056-07	23 % (after 24h relaxing time)
<b>Tensile Strength</b>	ISO 1798	> 800kPa
<b>Linear Shrinkage 22h – 70°C</b>	ASTM D253	< 15 %
<b>Elongation to Break / Rupture</b>	ISO 1798	180 %
<b>Water Absorption</b>	ISO 6916	< 3 %
<b>Water Tightness</b>	TL 52065	No Leak
<b>Flame Retardancy</b>	FMVSS302	< 100 mm/min
<b>Ozone Resistance</b>	ISO 1431-1	No Cracking
<b>Resistance AIR + UV</b>		Very Good
<b>Temperature Range</b>	Constant	-40°C + 90°C
	Intermittent	+120°C
<b>Environmental Protection</b> 		Recyclable // CFC & HCFC free REACH – ROHS // IMDS available // PFAS free CMRT compliant
<b>Storage Conditions</b>	As mentioned in our Sales Conditions	To be stored in a well-ventilated place at Room Temperature
<b>Form of Delivery</b>	<i>Blocks or Sheets &amp; Rolls</i> <i>Block EPK 17-2 dimensions: 2000 x 1000 x 58 mm (+/-3)</i> <i>2 skins – 4 sides trimmed.</i> <i>Rolls and sheets are usually available from 1.2 mm to block thickness</i>	

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# EPY 170

Version	10-2024
Color	Black
Description:	Closed Cell EPDM – High Density & T° resistance

## FICHE TECHNIQUE – TECHNICAL DATA SHEET


Properties	Standard	Results
<b>MATERIAL BASE</b>	ISO 1629	EPDM Ethylene – Propylene – Diene – Rubber
<b>Density</b>	ISO 845	170 +/- 30 kg/m3
<b>Classification</b>	ASTM D1056-07	2A2
<b>Hardness</b>	Shore 00	45 +/- 5
<b>Compression Deflection 25 %</b>	ASTM D1056	40-70 kPa
<b>Compression Deflection 50 %</b>	ASTM D1056	100 - 160 kPa
<b>Compression Deflection after ageing, change from original limits</b>	ASTM D1056-07	+/- 10 %
<b>Compression Set 50 %, 24H, 23°C</b>	ASTM D1056	< 25 %
<b>Compression Set 50 %, 22H 40°C</b>	FIAT 9.55256/01	< 35 % (CC110/SPAF150/H compliant)
<b>Tensile Strength</b>	ISO 1798	> 300kPa
<b>Linear Shrinkage 4h – 70°C</b>	ASTM D253	< 3 %
<b>Elongation to Break / Rupture</b>	ISO 1798	>150 %
<b>Water Absorption</b>	ISO 6916	< 3 %
<b>Water Tightness</b>	TL 52065	No Leak
<b>Flame Retardancy</b>	FMVSS302	< 100 mm/min
<b>Ozone Resistance</b>	ISO 1431-1	No Cracking
<b>Resistance AIR + UV</b>		Very Good
<b>Temperature Range</b>	Constant	-50°C + 110°C
	Intermittent	+130°C
<b>Environmental Protection</b> 		Recyclable // CFC & HCFC free REACH – ROHS // IMDS available // PFAS free CMRT compliant
<b>Storage Conditions</b>	As mentioned in our Sales Conditions	To be stored in a well-ventilated place at Room Temperature
<b>Form of Delivery</b>	<i>Blocks or Sheets &amp; Rolls</i> <i>Block EPY 170 dimensions: 2000 x 1000 x 50 mm (+/-3)</i> <i>2 skins – 4 sides untrimmed.</i> <i>Rolls and sheets are usually available from 1.2 mm to block thickness</i>	

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# EPY 200

Version	09-2024
Color	Black
Description:	Closed Cell EPDM – SUPER High Density

## FICHE TECHNIQUE – TECHNICAL DATA SHEET


Properties	Standard	Results
<b>MATERIAL BASE</b>	ISO 1629	EPDM Ethylène – Propylene – Diene – Rubber
<b>Density</b>	ISO 845	210 +/- 20 kg/m3
<b>Classification</b>	ASTM D1056-07	2A2-A3
<b>Hardness</b>	Shore 00	50 +/- 10
<b>Compression Deflection 25 %</b>	ASTM D1056	50-90 kPa
<b>Compression Deflection 50 %</b>	ASTM D1056	120-180 kPa
<b>Compression Deflection after ageing, change from original limits</b>	ASTM D1056-07	+/- 10 %
<b>Compression Set 50 %, 24H, 23°C</b>	ASTM D1056	< 10 %
<b>Compression Set 50 %, 22H 40°C</b>	ASTM D1056-07	TEST ON PROGRESS
<b>Tensile Strength</b>	ISO 1798	> 600kPa
<b>Tear Resistance</b>	ASTM D624 Die C	0,7 kN/m
<b>Linear Shrinkage 4h – 70°C</b>	ASTM D253	< 3 %
<b>Elongation to Break / Rupture</b>	ISO 1798	>150 %
<b>Water Absorption</b>	ISO 6916	< 3 %
<b>Water Tightness</b>	TL 52065	No Leak
<b>Flame Retardancy</b>	FMVSS302	< 100 mm/min
<b>Ozone Resistance</b>	ISO 1431-1	No Cracking
<b>Resistance AIR + UV</b>		Very Good
<b>Temperature Range</b>	Constant	-50°C + 110°C
	Intermittent	+130°C
<b>Environmental Protection</b> 		Recyclable // CFC & HCFC free REACH – ROHS // IMDS available // PFAS free CMRT compliant
<b>Storage Conditions</b>	As mentioned in our Sales Conditions	To be stored in a well-ventilated place at Room Temperature
<b>Form of Delivery</b>	<i>Blocks or Sheets &amp; Rolls</i> <i>Block EPY 200 dimensions: 2000 x 1000 x 45 mm (+/-3)</i> <i>2 skins – 4 sides untrimmed.</i> <i>Rolls and sheets are usually available from 1.2 mm to block thickness</i>	

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# EPK 12 SF

Version	10-2024
Color	Black
Description:	Closed Cell EPDM – Sulfur Free

## FICHE TECHNIQUE – TECHNICAL DATA SHEET

Properties	Standard	Results
<b>MATERIAL BASE</b>	ISO 1629	EPDM - Sulfur Free Ethylene – Propylene – Diene – Rubber
<b>Density</b>	ISO 845	120 +/- 20 kg/m3
<b>Classification</b>	ASTM D1056-07	2A2
<b>Hardness</b>	Shore 00	45 +/- 5
<b>Compression Deflection 25 %</b>	ASTM D1056	35 - 65 kPa *45 typical
<b>Compression Deflection 50 %</b>	ASTM D1056	80 – 160 kPa *120 typical
<b>Compression Deflection after ageing, change from original limits</b>	ASTM D1056-07	+/- 15 %
<b>Compression Set 50 %, 24H, 23°C</b>	ASTM D1056	< 25 %
<b>Dimensional Stability</b>	TL 52065	< 3 %
<b>Tensile Strength</b>	ISO 1798	> 500kPa
<b>Elongation to Break / Rupture</b>	ISO 1798	>160 %
<b>Water Absorption</b>	ISO 6916	< 3 %
<b>Water Tightness</b>	TL 52065 (23°C)	No Leak
<b>Water Tightness</b>	TL 52065 (70°C)	No Leak
<b>Water Tightness</b>	GM 17408	No Leak
<b>Paint Staining</b>	RENAULT D271465/H	Non - Staining
<b>Flame Retardancy</b>	FMVSS302	< 100 mm/min
<b>Ozone Resistance</b>	ISO 1431-1	No Cracking
<b>Low T° Flexibility (5H – 40°C)</b>	ASTM D1056-07	Pass
<b>Resistance AIR + UV</b>		Very Good
<b>Temperature Range</b>	Constant	-40°C + 100°C
	Intermittent	+120°C
<b>Environmental Protection</b> 		Recyclable // CFC & HCFC free REACH – ROHS // IMDS available // PFAS free CMRT compliant
<b>Storage Conditions</b>	As mentioned in our Sales Conditions	To be stored in a well-ventilated place at Room Temperature
<b>Form of Delivery</b>	<i>Blocks or Sheets &amp; Rolls</i> <i>Block EPK 12 SF dimensions: 2000 x 1000 x 54 mm (+/-3)</i> <i>2 skins – 4 sides untrimmed.</i> <i>Rolls and sheets are usually available from 1.2 mm to block thickness</i>	


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# EPK 16 SF

Version	10-2024
Color	Black
Description:	Closed Cell EPDM – Sulfur Free – High Density

## FICHE TECHNIQUE – TECHNICAL DATA SHEET


Properties	Standard	Results
<b>MATERIAL BASE</b>	ISO 1629	EPDM - Sulfur Free Ethylene – Propylene – Diene – Rubber
<b>Density</b>	ISO 845	200 +/- 30 kg/m3
<b>Classification</b>	ASTM D1056-07	2A2-A3
<b>Hardness</b>	Shore 00	50 +/- 5
<b>Compression Deflection 25 %</b>	ASTM D1056	35 - 65 kPa *50 typical
<b>Compression Deflection 50 %</b>	ASTM D1056	80 – 160 kPa *120 typical
<b>GMW 17408</b>	Full Spec	APPROVED CLASS III = IV TYPE V
<b>TL 52065</b>	Full Spec	APPROVED
<b>Compression Deflection after ageing, change from original limits</b>	ASTM D1056-07	+/- 5 %
<b>Compression Set 50 %, 24H, 23°C</b>	ASTM D1056	< 15 %
<b>Dimensional Stability</b>	TL 52065	< 3 %
<b>Tensile Strength</b>	ISO 1798	> 650kPa
<b>Elongation to Break / Rupture</b>	ISO 1798	>200 %
<b>Water Absorption</b>	ISO 6916	< 3 %
<b>Water Tightness</b>	TL 52065 (23°C)	No Leak
<b>Water Tightness</b>	TL 52065 (70°C)	No Leak
<b>Cycle Test</b>	GM 17408 – A	Pass
<b>Paint Staining</b>	RENAULT D271465/H	Non - Staining
<b>Flame Retardancy</b>	FMVSS302	< 100 mm/min
<b>Ozone Resistance</b>	ISO 1431-1	No Cracking
<b>Low T° Flexibility (5H – 40°C)</b>	ASTM D1056-07	Pass
<b>Resistance AIR + UV</b>		Very Good
<b>Temperature Range</b>	Constant	-40°C + 100°C
	Intermittent	+130°C
<b>Environmental Protection</b> 		Recyclable // CFC & HCFC free REACH – ROHS // IMDS available // PFAS free CMRT compliant
<b>Storage Conditions</b>	As mentioned in our Sales Conditions	To be stored in a well-ventilated place at Room Temperature
<b>Form of Delivery</b>	<i>Blocks or Sheets &amp; Rolls</i> <i>Block EPK 16 SF dimensions: 1800 x 1000 x 36 mm (+/-2)</i> <i>2 skins – 4 sides untrimmed.</i> <i>Rolls and sheets are usually available from 1.2 mm to block thickness</i>	

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# EPK 30 SF

Version	10-2024
Color	Very Dark Grey/Black
Description:	Closed Cell EPDM – Sulfur Free – Super High Density

## FICHE TECHNIQUE – TECHNICAL DATA SHEET


Properties	Standard	Results
<b>MATERIAL BASE</b>	ISO 1629	EPDM - Sulfur Free Ethylene – Propylene – Diene – Rubber
<b>Density</b>	ISO 845	300 +/- 30 kg/m3
<b>Classification</b>	ASTM D1056-07	2A3
<b>Hardness</b>	Shore 00	50 +/- 5
<b>Compression Deflection 25 %</b>	ASTM D1056	40 - 70 kPa *60 typical
<b>Compression Deflection 50 %</b>	ASTM D1056	160 - 280 kPa *220 typical
<b>GMW 17408</b>	Full Spec	APPROVED CLASS III = IV TYPE V
<b>Compression Deflection after ageing, change from original limits</b>	ASTM D1056-07	+/- 1.5 %
<b>Compression Set 50 %, 24H, 23°C</b>	ASTM D1056	< 10 %
<b>Dimensional Stability</b>	TL 52065	< 3 %
<b>Tensile Strength</b>	ISO 1798	> 700kPa
<b>Elongation to Break / Rupture</b>	ISO 1798	>250 %
<b>Water Absorption</b>	ISO 6916	< 3 %
<b>Water Tightness</b>	TL 52065 (23°C)	No Leak
<b>Water Tightness</b>	TL 52065 (70°C)	No Leak
<b>Cycle Test</b>	GM 17408 – A	Pass
<b>Paint Staining</b>	RENAULT D271465/H	Non - Staining
<b>Flame Retardancy</b>	FMVSS302	< 100 mm/min
<b>Ozone Resistance</b>	ISO 1431-1	No Cracking
<b>Low T° Flexibility (5H – 40°C)</b>	ASTM D1056-07	Pass
<b>Resistance AIR + UV</b>		Very Good
<b>Temperature Range</b>	Constant	-40°C + 100°C
	Intermittent	+130°C
<b>Environmental Protection</b> 		Recyclable // CFC & HCFC free REACH – ROHS // IMDS available // PFAS free CMRT compliant
<b>Storage Conditions</b>	As mentioned in our Sales Conditions	To be stored in a well-ventilated place at Room Temperature
<b>Form of Delivery</b>	<i>Blocks or Sheets &amp; Rolls</i> <i>Block EPK 30 SF dimensions: 1600 x 1000 x 36 mm (+/-2)</i> <i>2 skins – 4 sides untrimmed.</i> <i>Rolls and sheets are usually available from 1.2 mm to block thickness</i>	

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# SBK 160

Version	10-2024
Color	Black
Description:	Closed Cell EPDM – Sulfur Free – Super High Density

## FICHE TECHNIQUE – TECHNICAL DATA SHEET


Properties	Standard	Results
<b>MATERIAL BASE</b>	ISO 1629	SBR - EPDM
<b>Density</b>	ISO 845	160 +/- 30 kg/m <sup>3</sup>
<b>Classification</b>	ASTM D1056-07	2A3/A4
<b>Classification</b>	NFR 99211	1C 16 B4 CA
<b>Hardness</b>	Shore 00	55 +/- 5
<b>Compression Deflection 25 %</b>	ASTM D1056	60 - 80 kPa
<b>Compression Deflection 50 %</b>	ASTM D1056	130 - 180 kPa
<b>Compression Deflection after ageing, change from original limits</b>	ASTM D1056-07	+/- 30 %
<b>Compression Set 50 %, 24H, 23°C</b>	ASTM D1056	< 15 %
<b>Linear Shrinkage</b>	ASTM D1056-07	< 6 %
<b>Tensile Strength</b>	ISO 1798	> 600kPa
<b>Elongation to Break / Rupture</b>	ISO 1798	210 %
<b>Water Absorption</b>	ISO 6916	< 3 %
<b>Water Tightness</b>	TL 52065 (23°C)	No Leak
<b>Water Tightness</b>	TL 52065 (70°C)	No Leak
<b>Flame Retardancy</b>	FMVSS302	< 100 mm/min
<b>Ozone Resistance</b>	ISO 1431-1	No Cracking
<b>Low T° Flexibility (5H – 40°C)</b>	ASTM D1056-07	Pass
<b>Resistance AIR + UV</b>		Very Good
<b>Temperature Range</b>	Constant	-40°C + 90°C
	Intermittent	+110°C
<b>Environmental Protection</b> 		Recyclable // CFC & HCFC free REACH – ROHS // IMDS available // PFAS free CMRT compliant
<b>Storage Conditions</b>	As mentioned in our Sales Conditions	To be stored in a well-ventilated place at Room Temperature
<b>Form of Delivery</b>	<i>Blocks or Sheets &amp; Rolls</i> <i>Block SBK 160 dimensions: 2°00 x 1000 x 55 mm (+/-2)</i> <i>2 skins – 4 sides trimmed.</i> <i>Rolls and sheets are usually available from 1.2 mm to block thickness</i>	

This information is based according to our knowledge. Values should be considered as average. It is up to the customer responsibility to check if this material is suitable for its applications. These data cannot be considered as binding and the company accepts no liability.

**ET 122**

Version	10-2024
Color	Black
Description:	Closed Cell EPDM – EVA – Medium Density

**FICHE TECHNIQUE – TECHNICAL DATA SHEET**


Properties	Standard	Results
<b>MATERIAL BASE</b>	ISO 1629	EPDM – EVA (sulfur free)
<b>Density</b>	ISO 845	120 +/- 20 kg/m3
<b>Classification</b>	ASTM D1056-07	2A2
<b>Hardness</b>	Shore 00	60 +/- 10
<b>Compression Deflection 25 %</b>	ASTM D1056	40 - 70 kPa
<b>Compression Deflection 50 %</b>	ASTM D1056	80 – 160 kPa
<b>Compression Set 50 %, 24H, 23°C</b>	ASTM D1056	< 30 %
<b>Tensile Strength</b>	ISO 1798	> 600kPa
<b>Elongation to Break / Rupture</b>	ISO 1798	400 %
<b>Water Absorption</b>	ISO 6916	< 5 %
<b>Flame Retardancy</b>	FMVSS302	< 100 mm/min
<b>Ozone Resistance</b>	ISO 1431-1	No Cracking
<b>Low T° Flexibility (5H – 40°C)</b>	ASTM D1056-07	Pass
<b>Resistance AIR + UV</b>		Very Good
<b>Temperature Range</b>	Constant	-30°C + 80°C
	Intermittent	+100°C
<b>Environmental Protection</b> 		Recyclable // CFC & HCFC free REACH – ROHS // IMDS available // PFAS free CMRT compliant
<b>Storage Conditions</b>	As mentioned in our Sales Conditions	To be stored in a well-ventilated place at Room Temperature
<b>Form of Delivery</b>	<i>Blocks or Sheets &amp; Rolls</i> <i>Block ET 122 dimensions : 2000 x 1000 x 68 mm (+/-3)</i> <i>1 skin – 4 sides trimmed.</i> <i>Rolls and sheets are usually available from 1.2 mm to block thickness</i>	

This information is based according to our knowledge. Values should be considered as average. It is up to the customer responsibility to check if this material is suitable for its applications. These data cannot be considered as binding and the company accepts no liability.

# SFK 20

Version	10-2024
Color	Black
Description:	Closed Cell EPDM – SULFUR FREE – BROMINE FREE – HALOGEN & CHLORINE FREE

## FICHE TECHNIQUE – TECHNICAL DATA SHEET


Properties	Standard	Results
<b>MATERIAL BASE</b>	ISO 1629	EPDM (sulfur free)
<b>Density</b>	ISO 845	110 +/- 20 kg/m <sup>3</sup>
<b>Classification</b>	ASTM D1056-07	2A2
<b>Classification</b>	NFR 99211	2C08 B3
<b>Hardness</b>	Shore 00	45 +/- 5
<b>Compression Deflection 25 %</b>	ASTM D1056	35 - 65 kPa
<b>Compression Deflection 50 %</b>	ASTM D1056	80 – 160 kPa
<b>Compression Set 50 %, 24H, 23°C</b>	ASTM D1056	< 25 %
<b>Tensile Strength</b>	ISO 1798	> 500kPa
<b>Elongation to Break / Rupture</b>	ISO 1798	160 %
<b>Water Absorption</b>	ISO 6916	< 3 %
<b>Flame Retardancy</b>	FMVSS302	< 100 mm/min
<b>Flame Retardancy</b>	UL 94	HBF compliant
<b>Smoke Toxicity</b>	EN 455454-2	0,18 ITC (HL3)
<b>Water Tightness</b>	TL 52065	Pass
<b>Ozone Resistance</b>	ISO 1431-1	No Cracking
<b>Low T° Flexibility (5H – 40°C)</b>	ASTM D1056-07	Pass
<b>Resistance AIR + UV</b>		Very Good
<b>Temperature Range</b>	Constant	-40°C + 80°C
	Intermittent	+100°C
<b>Environmental Protection</b> 		Recyclable // CFC & HCFC free REACH – ROHS // IMDS available // PFAS free CMRT compliant
<b>Storage Conditions</b>	As mentioned in our Sales Conditions	To be stored in a well-ventilated place at Room Temperature
<b>Form of Delivery</b>	<i>Blocks or Sheets &amp; Rolls</i> <i>Block SFK 20 dimensions : 2000 x 1000 x 50 mm (+/-3)</i> <i>2 skin – 4 sides untrimmed.</i> <i>Rolls and sheets are usually available from 1.2 mm to block thickness</i>	

This information is based according to our knowledge. Values should be considered as average. It is up to the customer responsibility to check if this material is suitable for its applications. These data cannot be considered as binding and the company accepts no liability.

# CEK 18

Version	10-2024
Color	Black
Description:	Closed Cell CR + EPDM – Medium Density

## FICHE TECHNIQUE – TECHNICAL DATA SHEET


Properties	Standard	Results
<b>MATERIAL BASE</b>	ISO 1629	CHLOROPRENE + EPDM
<b>Density</b>	ISO 845	130 +/- 30 kg/m <sup>3</sup>
<b>Classification</b>	ASTM D1056-07	2A2 - 2C2
<b>Hardness</b>	Shore 00	45 +/- 5
<b>Compression Deflection 25 %</b>	ASTM D1056	35 - 65 kPa
<b>Compression Deflection 50 %</b>	ASTM D1056	80 – 160 kPa
<b>Compression Set 50 %, 24H, 23°C</b>	ASTM D1056	< 25 %
<b>Tensile Strength</b>	ISO 1798	> 400kPa
<b>Elongation to Break / Rupture</b>	ISO 1798	180 %
<b>Water Absorption</b>	ISO 6916	< 3 %
<b>Flame Retardancy</b>	FMVSS302	< 100 mm/min
<b>Flame Retardancy</b>	UL 94	HBF compliant
<b>Smoke Toxicity</b>	EN 455454-2	0,55 ITC (HL3) R22+23
<b>Smoke Opacity</b>	EN 455454-2	94,5 Ds Max (HL3) R22+23
<b>Water Tightness</b>	TL 52065	Pass
<b>Ozone Resistance</b>	ISO 1431-1	No Cracking
<b>Low T° Flexibility (5H – 40°C)</b>	ASTM D1056-07	Pass
<b>Resistance AIR + UV</b>		Good
<b>Temperature Range</b>	Constant	-40°C + 90°C
	Intermittent	+110°C
<b>Environmental Protection</b> 		Recyclable // CFC & HCFC free REACH – ROHS // IMDS available // PFAS free CMRT compliant
<b>Storage Conditions</b>	As mentioned in our Sales Conditions	To be stored in a well-ventilated place at Room Temperature
<b>Form of Delivery</b>	<i>Blocks or Sheets &amp; Rolls</i> <i>Block CEK 18 dimensions : 2000 x 1000 x 50 mm (+/-3)</i> <i>2 skin – 4 sides untrimmed.</i> <i>Rolls and sheets are usually available from 1.2 mm to block thickness</i>	

This information is based according to our knowledge. Values should be considered as average. It is up to the customer responsibility to check if this material is suitable for its applications. These data cannot be considered as binding and the company accepts no liability.

# CEK 18-2

Version	10-2024
Color	Black
Description:	Closed Cell CR + EPDM – High Density

## FICHE TECHNIQUE – TECHNICAL DATA SHEET


Properties	Standard	Results
<b>MATERIAL BASE</b>	ISO 1629	CHLOROPRENE + EPDM
<b>Density</b>	ISO 845	170 +/- 30 kg/m3
<b>Classification</b>	ASTM D1056-07	2A2 - 2C2
<b>Hardness</b>	Shore 00	50 +/- 10
<b>Compression Deflection 25 %</b>	ASTM D1056	35 - 65 kPa
<b>Compression Deflection 50 %</b>	ASTM D1056	80 – 160 kPa
<b>Compression Set 50 %, 24H, 23°C</b>	ASTM D1056	< 25 %
<b>Tensile Strength</b>	ISO 1798	> 500kPa
<b>Elongation to Break / Rupture</b>	ISO 1798	> 200 %
<b>Water Absorption</b>	ISO 6916	< 3 %
<b>Linear Shrinkage</b>	ASTM D573	< 8 %
<b>Flame Retardancy</b>	FMVSS302	< 100 mm/min
<b>Flame Retardancy</b>	UL 94	HBF compliant
<b>Water Tightness</b>	TL 52065	Pass
<b>Ozone Resistance</b>	ISO 1431-1	No Cracking
<b>Low T° Flexibility (5H – 40°C)</b>	ASTM D1056-07	Pass
<b>Resistance AIR + UV</b>		Good
<b>Temperature Range</b>	Constant	-40°C + 80°C
	Intermittent	+110°C
<b>Environmental Protection</b> 		Recyclable // CFC & HCFC free REACH – ROHS // IMDS available // PFAS free CMRT compliant
<b>Storage Conditions</b>	As mentioned in our Sales Conditions	To be stored in a well-ventilated place at Room Temperature
<b>Form of Delivery</b>	<i>Blocks or Sheets &amp; Rolls</i> <i>Block CEK 18-2 dimensions : 2000 x 1000 x 55 mm (+/-3)</i> <i>2 skin – 4 sides trimmed.</i> <i>Rolls and sheets are usually available from 1.2 mm to block thickness</i>	

This information is based according to our knowledge. Values should be considered as average. It is up to the customer responsibility to check if this material is suitable for its applications. These data cannot be considered as binding and the company accepts no liability.

# CRK 20

<b>Version</b>	10-2024
<b>Color</b>	Black
<b>Description:</b>	Closed Cell CR – Medium Density

## FICHE TECHNIQUE – TECHNICAL DATA SHEET

Properties	Standard	Results
<b>MATERIAL BASE</b>	ISO 1629	CHLOROPRENE
<b>Density</b>	ISO 845	140 +/- 30 kg/m <sup>3</sup>
<b>Classification</b>	ASTM D1056-07	2C2
<b>Hardness</b>	Shore 00	50 +/- 10
<b>Compression Deflection 25 %</b>	ASTM D1056	35 - 65 kPa
<b>Compression Deflection 50 %</b>	ASTM D1056	80 – 160 kPa
<b>Compression Set 50 %, 24H, 23°C</b>	ASTM D1056	< 25 %
<b>Tensile Strength</b>	ISO 1798	> 300kPa
<b>Elongation to Break / Rupture</b>	ISO 1798	> 155 %
<b>Water Absorption</b>	ISO 6916	< 3 %
<b>Flame Retardancy</b>	FMVSS302	< 100 mm/min
<b>Flame Retardancy</b>	UL 94	HF1 (file QMFZ2.E350291)
<b>Flame Retardancy</b>	UL 94	V0 compliant
<b>Fire – Smoke – Toxicity</b>	EN 45545-2	HL 1 – 2 – 3 (with exceptions)
<b>Gas Emission</b>	BSS 7239	Pass
<b>Smoke Opacity</b>	ASTM E662	Pass
<b>Dielectric Rigidity</b>	NF ISO EN CEI C26 225	>10482.2 kV/cm (no breakdown at 5 kV)
<b>Ozone Resistance</b>	ISO 1431-1	No Cracking
<b>Low T° Flexibility (5H – 40°C)</b>	ASTM D1056-07	Pass
<b>Resistance AIR + UV</b>		Good
<b>Temperature Range</b>	Constant	-50°C + 100°C
	Intermittent	+110°C
<b>Environmental Protection</b> 		Recyclable // CFC & HCFC free REACH – ROHS // IMDS available // PFAS free CMRT compliant
<b>Storage Conditions</b>	As mentioned in our Sales Conditions	To be stored in a well-ventilated place at Room Temperature
<b>Form of Delivery</b>	<i>Blocks or Sheets &amp; Rolls</i> <i>Block CRK 20 dimensions : 2000 x 1000 x 50 mm (+/-3)</i> <i>2 skin – 4 sides trimmed.</i> <i>Rolls and sheets are usually available from 1.2 mm to block thickness</i>	


This information is based according to our knowledge. Values should be considered as average. It is up to the customer responsibility to check if this material is suitable for its applications. These data cannot be considered as binding and the company accepts no liability.



# NBY 180

Version	10-2024
Color	Black
Description:	Closed Cell NBR

## FICHE TECHNIQUE – TECHNICAL DATA SHEET


Properties	Standard	Results
<b>MATERIAL BASE</b>	ISO 1629	NBR Nitrile Butadiene Rubber
<b>Density</b>	ISO 845	180 +/- 30 kg/m3
<b>Classification</b>	ASTM D1056-07	2B2-B3
<b>Hardness</b>	Shore 00	50 +/- 10
<b>Compression Deflection 25 %</b>	ASTM D1056	35 - 65 kPa
<b>Compression Deflection 50 %</b>	ASTM D1056	80 – 160 kPa
<b>Compression Set 50 %, 24H, 23°C</b>	ASTM D1056	< 30 %
<b>Tensile Strength</b>	ISO 1798	> 700kPa
<b>Elongation to Break / Rupture</b>	ISO 1798	> 120 %
<b>Tear Strength</b>	ASTM D624 TYPE C	> 800 N/m
<b>Water Absorption</b>	ISO 6916	< 5 %
<b>Flame Retardancy</b>	FMVSS302	< 100 mm/min
<b>Flame Retardancy</b>	UL 94	HF1 compliant
	UL 94	VO compliant
<b>Water Tightness</b>	TL 52065	Pass
<b>Ozone Resistance</b>	ISO 1431-1	No Cracking
<b>Resistance AIR + UV</b>		Good
<b>Resistance to Oil &amp; Fuel</b>	Internal	Very Good
<b>Temperature Range</b>	Constant	-40°C + 80°C
	Intermittent	+110°C
<b>Environmental Protection</b> 		Recyclable // CFC & HCFC free REACH – ROHS // IMDS available // PFAS free CMRT compliant
<b>Storage Conditions</b>	As mentioned in our Sales Conditions	To be stored in a well-ventilated place at Room Temperature
<b>Form of Delivery</b>	<i>Blocks or Sheets &amp; Rolls</i> <i>Block NBY 180 dimensions: 2000 x 1000 x 50 mm (+/-3)</i> <i>2 skin – 4 sides untrimmed.</i> <i>Rolls and sheets are usually available from 1.2 mm to block thickness</i>	

This information is based according to our knowledge. Values should be considered as average. It is up to the customer responsibility to check if this material is suitable for its applications. These data cannot be considered as binding and the company accepts no liability.

# T 20

<b>Version</b>	10-2024
<b>Color</b>	Black – White – Red – Grey – Blue – Green – Purple – Pink – Brick Red
<b>Description:</b>	Closed Cell EVA Blend

## FICHE TECHNIQUE – TECHNICAL DATA SHEET


Properties	Standard	Results
<b>MATERIAL BASE</b>	ISO 1629	EVA + POLYMERS (no sulfur)
<b>Density</b>	ISO 845	115 +/- 20 kg/m <sup>3</sup>
<b>Classification</b>	ASTM D1056-07	2A2
<b>Hardness</b>	Shore 00	45 +/- 10
<b>Compression Deflection 25 %</b>	ASTM D1056	35 - 65 kPa
<b>Compression Deflection 50 %</b>	ASTM D1056	100 – 140 kPa
<b>Compression Set 50 %, 24H, 23°C</b>	ASTM D1056	< 20 %
<b>Tensile Strength</b>	ISO 1798	> 800kPa
<b>Elongation to Break / Rupture</b>	ISO 1798	> 180 %
<b>Water Absorption</b>	ISO 6916	< 3 %
<b>FDA Regulations</b>	CFR 177.1350 CFR 177.2600 CFR 178.3297	Pass
<b>Flame Retardancy</b>	FMVSS302	< 100 mm/min
<b>Ozone Resistance</b>	ISO 1431-1	No Cracking
<b>Resistance AIR + UV</b>		Good
<b>Temperature Range</b>	Constant	-40°C + 70°C
	Intermittent	+80°C
<b>Environmental Protection</b> 		Recyclable // CFC & HCFC free REACH – ROHS // IMDS available // PFAS free CMRT compliant
<b>Storage Conditions</b>	As mentioned in our Sales Conditions	To be stored in a well-ventilated place at Room Temperature
<b>Form of Delivery</b>	<i>Blocks or Sheets &amp; Rolls</i> <i>Block T 20 dimensions : 2000 x 1000 x 50 mm (+/-3)</i> <i>2 skins – 4 sides trimmed.</i> <i>Rolls and sheets are usually available from 1.2 mm to block thickness</i>	

This information is based according to our knowledge. Values should be considered as average. It is up to the customer responsibility to check if this material is suitable for its applications. These data cannot be considered as binding and the company accepts no liability.

# PE R 90

Version	10-2024
Color	Black
Description:	Closed Cell PE Recycled

## FICHE TECHNIQUE – TECHNICAL DATA SHEET


Properties	Standard	Results
<b>MATERIAL BASE</b>	ISO 1629	PE from Recycled Polyethylene
<b>Density</b>	ISO 845	90 +/- 30 kg/m3
<b>Hardness</b>	Shore A	25+/- 5
<b>Compression Deflection 25 %</b>	ASTM D1056	35 - 65 kPa
<b>Compression Deflection 50 %</b>	ASTM D1056	100 – 160 kPa
<b>Tensile Strength</b>	ISO 1798	> 800 kPa
<b>Elongation to Break / Rupture</b>	ISO 1798	> 140 %
<b>Water Absorption</b>	ISO 6916	< 5 %
<b>Flame Retardancy</b>	FMVSS302	< 150 mm/min
<b>Ozone Resistance</b>	ISO 1431-1	Good
<b>Resistance AIR + UV</b>		Poor / Medium
<b>Temperature Range</b>	Constant	-10°c +65°c
	Intermittent	+100°c
<b>Environmental Protection</b> 		Recyclable // CFC & HCFC free REACH – ROHS // IMDS available Made from Recycled PE only.
<b>Storage Conditions</b>	As mentioned in our Sales Conditions	To be stored in a well-ventilated place at Room Temperature
<b>Form of Delivery</b>	<i>Blocks or Sheets &amp; Rolls</i>	

This information is based according to our knowledge. Values should be considered as average. It is up to the customer responsibility to check if this material is suitable for its applications. These data cannot be considered as binding and the company accepts no liability.

# PE R 130

Version	10-2024
Color	Black
Description:	Closed Cell PE Recycled

## FICHE TECHNIQUE – TECHNICAL DATA SHEET

Properties	Standard	Results
<b>MATERIAL BASE</b>	ISO 1629	PE from Recycled Polyethylene
Density	ISO 845	130 +/- 30 kg/m <sup>3</sup>
Hardness	Shore A	38 +/- 5
Compression Deflection 50 %	ASTM D1056	> 160 kPA
Tensile Strength	ISO 1798	> 900 kPA
Elongation to Break / Rupture	ISO 1798	> 140 %
Water Absorption	ISO 6916	< 5 %
Flame Retardancy	FMVSS302	< 150 mm/min
Ozone Resistance	ISO 1431-1	Good
Resistance AIR + UV		Poor / Medium
Temperature Range	Constant	-10°C +65°C
	Intermittent	+100°C
Environmental Protection 		Recyclable // CFC & HCFC free REACH – ROHS // IMDS available Made from Recycled PE only.
Storage Conditions	As mentioned in our Sales Conditions	To be stored in a well-ventilated place at Room Temperature
Form of Delivery	<i>Blocks or Sheets &amp; Rolls</i>	

This information is based according to our knowledge. Values should be considered as average. It is up to the customer responsibility to check if this material is suitable for its applications. These data cannot be considered as binding and the company accepts no liability.