

## Material datasheet- X 2518-21

<b>Compound-Nr.</b>	<b>X 2518-21</b>
<b>Base polymer</b>	<b>EPDM</b>
<b>Operating temperature</b>	<b>-40 / +150 °C</b>
<b>Colour</b>	<b>Black</b>

Original properties	Test Method	Results	Units
Density	ISO 2781	1.35	g/cm <sup>3</sup>
Hardness	ISO 48-4	76.0	ShA
Micro hardness	ISO 48-2	79.0	IRHD
Tensile strength	ISO 37	7.1	N/mm <sup>2</sup>
Modulus at 100%	ISO 37	2.9	N/mm <sup>2</sup>
Elongation at brake	ISO 37	450	%
Tear resistance	ISO 34-1, Method A	12.3	N/mm
Compression set, A (24h / 130°C / 25%)	ISO 815-1	33.7	%
Glass transition Tg (DSC)	DIN 51007	-54.0	°C

Additional characteristics			
Volume resistivity	ISO 1853:2018 ASTM D911	1.1 x 10 <sup>8</sup>	Ohm.cm
Thermal conductivity at 23°C 450 mA, 15 s- 6 mm	DIN EN 993-15	3.5	W/mK
Specific Heat Capacity at 23°C	DIN EN 993-15	1.0	KJ / kg.K
Flammability	UL 94	V-0	-

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