

Material datasheet- X 2517-14

Compound-Nr.	X 2517-14
Base polymer	VMQ
Operating temperature	-40 / +210 °C
Colour	Yellow

Original properties	Test Method	Results	Units
Density	ISO 2781	1.47	g/cm ³
Hardness	ISO 48-4	41.0	ShA
Micro hardness	ISO 48-2	42.0	IRHD
Tensile strength	ISO 37	1.9	N/mm ²
Modulus at 100%	ISO 37	0.9	N/mm ²
Elongation at brake	ISO 37	759	%
Tear resistance	ISO 34-1, Method A	5.6	N/mm
Compression set, A (24h / 130°C / 25%)	ISO 815-1	40.7	%
Glass transition Tg (DSC)	DIN 51007	-42.0	°C

Additional characteristics			
Volume resistivity	ISO 1853:2018 ASTM D911	2.0 x 10 ⁷	Ohm.cm
Thermal conductivity at 23°C 480 mA, 15 s- 6 mm	DIN EN 993-15	5.0	W/mK
Specific Heat Capacity at 23°C	DIN EN 993-15	1.3	KJ / kg.K
Flammability	UL 94	V-0	-

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