

# Modified crosslinked elastomer

## TECHNICAL DATA

TECHNICAL DATA	CURRENT VALUES	TEST METHODS
<b>Material</b>		
Material	Elastomer, modified, Reach & RoHs conform	n/a
Surface	satin, matt	n/a
Specific gravity	1.5 g/cm <sup>3</sup> max.	ASTM-D 792, A-I
Shrink ratio	2:1	n/a
Longitudinal shrinkage	10% max.	ASTM-D 2671
<b>Material</b>		
Tensile strength	20 MPa	IEC 60684-2
Elongation	520%	IEC 60684-2
Secant modulus	30 MPa max.	ASTM-D 882
<b>Thermal</b>		
Tensile strength after Thermal ageing (168 h at 160°C)	13 MPa	IEC 60684-2
Elongation after Thermal ageing (168 h at 160°C)	220%	IEC 60684-2
Tensile strength after Thermal shock (4 h at 200°C)	12 MPa	IEC 811-1-2
Elongation after Thermal shock (4 h at 200°C)	300%	IEC 811-1-2
Cold bend test	does not break at -75°C	ASTM-D 2671 Meth. C
Combustion behaviour	selfextinguishing	UL 224
Shrink temperature	130°C to 250°C	n/a
Storage temperature	50°C max.	n/a
Continuous operating temperature	-75°C to 155°C	IEC 216
<b>Chemical</b>		
Corrosive action	non-corrosive	ASTM-D 2671 Meth. A
Compatibility with copper	non-corrosive	ASTM-D 2671 Meth. B
Resistance against chemicals	good	n/a
Water absorption	1.10%	VDE 0473
<b>Electrical</b>		
Dielectric strength	22 kV/mm	VDE 0303 Part 2
Spec. volume resistivity	10 <sup>12</sup> Ω x cm	VDE 0303 Part 3