

Adhesive lined crosslinked polyolefin

TECHNICAL DATA

TECHNICAL DATA	CURRENT VALUES	TEST METHODS
Material		
Material	Polyolefin; modified; free of lead and cadmium	n/a
Specific gravity	1.20 g/cm ³ max.	ASTM-D 792, A-I
Shrink ratio	up to 4:1	n/a
Longitudinal shrinkage	-10% max.	ASTM-D 2671
Mechanical		
Tensile strength	15 MPa	IEC 60684-2
Elongation	500%	IEC 60684-2
Secant modulus	300 MPa max.	ASTM-D 882
Thermal		
Tensile strength after thermal ageing (168 h at 160°C)	14 MPa	IEC 811-1-2
Elongation after thermal ageing (168 h at 160°C)	250%	IEC 811-1-2
Tensile strength after thermal shock (4 h at 200°C)	13 MPa	IEC 811-1-2
Elongation after thermal shock (4 h at 200°C)	270%	IEC 811-1-2
Cold bend test	does not break at -40°C	ASTM-D 2671 Meth. C
Flame resistance	jacket selfextinguishing	ASTM-D 876
Shrink temperature	140°C min.	n/a
Storage temperature	40°C max.	n/a
Continuous operating temperature	-40°C to 150°C	IEC 216
Chemical		
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	0.50% max.	ASTM-D 570
Electrical		
Dielectric strength	18 kV/mm	IEC 243
Spec. volume resistivity	10 ¹⁴ Ω x cm	IEC 243

FOR FURTHER INFORMATION, PLEASE CONTACT:

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