

Thin wall adhesive lined crosslinked polyolefin

TECHNICAL DATA: DERAY®-IHKT	CURRENT VALUES	TEST METHODS
Material		
Material	Polyolefin, modified; free of lead and cadmium	n/a
Surface	smooth	n/a
Specific gravity	1.25 g/cm ³ max.	ASTM-D 792, A-I
Shrink ratio	4:1	n/a
Longitudinal shrinkage	- 18 % max.	ASTM-D 2671
Mechanical		
Tensile strength	17 MPa	IEC 60684-2
Elongation	600%	IEC 60684-2
Thermal		
Tensile strength after heat aging (168 h at 160°C)	11 MPa	IEC 811-1-2
Elongation after heat aging (168 h at 160°C)	400%	IEC 811-1-2
Tensile Strength after heat shock (4 h at 210°C)	14 MPa	IEC 811-1-2
Elongation after heat shock (4 h at 210°C)	360%	IEC 811-1-2
Cold bend test	does not break at -55°C	ASTM-D 2671 Meth. C
Combustion behaviour	jacket selfextinguishing	ASTM-D 876
Shrink temperature	100°C min.	n/a
Storage temperature	50°C max.	n/a
Continuous operating temperature	-55°C to 125°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
Electrical		
Dielectric strength	16 kV/mm	VDE 0303 Part 2
Volume resistivity	10 ¹⁴ Ω x cm	VDE 0303 Part 3

FOR FURTHER INFORMATION, PLEASE CONTACT:

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