

# Thin wall crosslinked polyolefin

## TECHNICAL DATA

TECHNICAL DATA	CURRENT VALUES	TEST METHODS
<b>Material</b>		
Material	PE, modified, Reach & RoHs conform	n/a
Surface	matt	n/a
Specific gravity	1.3 g/cm <sup>3</sup> max.	ASTM-D 792, A-I
Longitudinal shrinkage	10% max.	ASTM-D 882
Shrink ratio	3:1	n/a
<b>Mechanical</b>		
Tensile strength	17 MPa	IEC 60684-2
Elongation	500%	IEC 60684-2
Secant modulus	175 MPa max.	ASTM-D 882
<b>Thermal</b>		
Tensile strength after Thermal ageing (168 h at 158°C)	13 MPa	UL 224
Elongation after Thermal ageing (168 h at 158°C)	300%	UL 224
Tensile strength after Thermal shock (4 h at 200°C)	15 MPa	IEC 811-1-2
Elongation after Thermal shock (4 h at 200°C)	480%	IEC 811-1-2
Cold bend test	does not break at -55°C	ASTM-D 2671 Meth. C
Combustion behaviour	selfextinguishing	UL 224
Shrink temperature	100°C to 200°C	n/a
Storage temperature	50°C max.	n/a
Continuous operating temperature	-55°C to 135°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	0.20%	VDE 0473
<b>Electrical</b>		
Dielectric strength	24 kV/mm	VDE 0303 Part 2
Spec. volume resistivity	10 <sup>16</sup> Ω x cm	VDE 0303 Part 3

### FOR FURTHER INFORMATION, PLEASE CONTACT:

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