

Technical Data Sheet

EKAFIX Plastic Rivets

Material:	POM (Polyoxymethylene)
Color:	Grey or white
Form:	- Round, for EKAFOL and EKATEC - Polygonal, for EKAMAT
Purpose:	Accessories for insulation works, for the mechanical installation of jacketing systems
Processing:	With suitable EKAFIX rivet-tools
Storage:	Cool and dry
Packaging:	Tear-off rivet sereis with each 10 pieces 1000 rivets packed in PE-bags
Material benefits:	Very good chemical resistance, excellent mechanical properties such as hardness, strength and toughness.
Temperature range:	Up to 130°C

Properties	ASTM-Norm	Test condition	Unit	Value
Melt index	D 1238	190°C/2,16kg	g/10 min	9
Density	D 792	23°C	-	1,41
Tensile strength	D 638	23°C	kgf/cm ²	620
Flexural strength	D 790	23°C	kgf/cm ²	950
E-Module		23°C	kgf/cm ²	26000
Break elongation		23°C	%	60
Rockwell hardness	D 785	23°C	M	80
Rockwell hardness	D 785	23°C	R	115
IZOD -Notched impact strength	D 256	23°C	kgf/cm ²	6,5
Heat distortion temperature	D 648	18,6 kgf/cm ²	°C	110
Heat distortion temperature	D 648	4,6 kgf/cm ²	°C	158
Elongation factor	D 696		cm/cm°Cx10 ⁻⁵	8,45
Vicat softening temp..	D 1525		°C	162
Melting point	DSC		°C	165
Resistance	D 257	23°C 50%	Ω, cm	1x10 ¹⁴
Oberflächenwiderstand	D 257	23°C 50%	Ω	1x10 ¹⁶
Surface resistance	UL 94			HB

Tips:

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