

TRELGUM ME/9 DP 2Z

Thermoplastic Polyester

Crosspolimeri S.p.A.

Message:

TRELGUM ME/9 DP 2Z is a modified polyester technopolymer presenting in itself the relevant features of both rubbers and plasticized materials. TRELGUM ME/9 DP 2Z is a tough compound showing good resistance properties to deformation, compression and to flex-fatigue. It also has good abrasion resistance and resistance to many chemicals and oils.

General Information			
Features	Fatigue Resistant		
	Good Abrasion Resistance		
	Good Chemical Resistance		
	Good Toughness		
	Oil Resistant		
Uses	Wire & Cable Applications		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	71		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	16.5	MPa	ASTM D638
Tensile Elongation (Break)	390	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Compression Set (70°C, 22 hr)	60	%	NES 715
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (120°C, 168 hr)	25	%	IEC 60811
Change in Tensile Strain at Break in Air (120°C, 168 hr)	-20	%	IEC 60811
Change in Tensile Stress (120°C, 168 hr, in ASTM #2 Oil)	30	%	IEC 60811
Change in Tensile Strain at Break (120°C, 168 hr, in ASTM #2 Oil)	35	%	IEC 60811
Thermal	Nominal Value	Unit	Test Method
Cold Flexibility	-50	°C	ASTM D1043
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.5E+12	ohms · cm	BS 6622
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	160	°C	

Cylinder Zone 2 Temp.	165	°C
Cylinder Zone 3 Temp.	170	°C
Cylinder Zone 4 Temp.	170	°C
Cylinder Zone 5 Temp.	170 to 175	°C
Die Temperature	175 to 185	°C

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