

TANEGUM ME/85 U2 SA

Polyurethane
Crosspolimeri S.p.A.

Message:

TANEGUM ME/85 U2 SA is a modified polyurethane technopolymer presenting many of the positive features of pure polyurethane and improved capabilities of extrudibility.
TANEGUM ME/85 U2 SA also has good resistance properties to flex-fatigue and to abrasion.
They are also suitable for electrical applications with resistance to ozone, hydrocarbons, oils, fats, fuels, and greases.

General Information			
Features	Fatigue Resistant		
	Fuel Resistant		
	Good Abrasion Resistance		
	Grease Resistant		
	Hydrocarbon Resistant		
	Oil Resistant		
	Ozone Resistant		
Uses	Wire & Cable Applications		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	86		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	30.0	MPa	IEC 60811
Tensile Strain (Break)	480	%	IEC 60811
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (100°C, 168 hr)	10	%	IEC 60811
Change in Tensile Strain at Break in Air (100°C, 168 hr)	-3.0	%	IEC 60811
Change in Tensile Stress (70°C, 4 hr, in SAE 20 Oil)	-15	%	IEC 60811
Change in Tensile Strain at Break (70°C, 4 hr, in SAE 20 Oil)	32	%	IEC 60811
Thermal	Nominal Value	Unit	Test Method
Hot Pressure Test - Penetration ¹ (80°C)	16	%	IEC 60811
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	23	%	ASTM D2863
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.	180	°C
Cylinder Zone 5 Temp.	170 to 175	°C
Die Temperature	175 to 185	°C

NOTE

1. 4 hr

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