

# TANEGUM ME/87 U2

Polyvinyl Chloride + PUR + Polyester  
Crosspolimeri S.p.A.

## Message:

TANEGUM is the trade-mark of our modified polyurethanes technopolymers presenting many of the positive features of pure polyurethanes and improved capabilities of extrudibility.

TANEGUM ME/87 U2 also has good resistance properties to flex-fatigue and to abrasion. TANEGUM ME/87 U2 is suitable for electrical applications with resistance to ozone, hydrocarbons, oils, fats, fuels, and greases.

General Information			
Features	Fuel Resistant		
	Good Abrasion Resistance		
	Good Flexibility		
	Grease Resistant		
	Hydrocarbon Resistant		
	Oil Resistant		
	Ozone Resistant		
Uses	Cable Jacketing		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	26.5	MPa	ASTM D638
Tensile Elongation (Break)	450	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (100°C, 168 hr)	0.0	%	IEC 60811
Change in Tensile Strain at Break in Air (100°C, 168 hr)	5.0	%	IEC 60811
Change in Tensile Stress (90°C, 168 hr, in IRM 902 Oil)	-15	%	IEC 60811
Change in Tensile Strain at Break (90°C, 168 hr, in IRM 902 Oil)	-25	%	IEC 60811
Thermal	Nominal Value	Unit	Test Method
Hot Pressure Test - Penetration <sup>1</sup> (80°C)	16	%	IEC 60811
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.	180	°C
Cylinder Zone 5 Temp.	170 to 175	°C
Die Temperature	175 to 180	°C

NOTE

1. 4 hr

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