

POLIGOM G/35

Ethylene Propylene Diene Terpolymer
Crosspolimeri S.p.A.

Message:

POLIGOM is the trade-mark of our compound EPDM basis.
POLIGOM G/35 is a thermoplastic elastomer compound for power cables insulation and sheathing.

General Information			
Uses	Cable Jacketing		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.910	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	72		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	> 12.0	MPa	IEC 60811
Tensile Strain (Break)	> 500	%	IEC 60811
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (135°C, 168 hr)	> 12	%	IEC 60811
Change in Tensile Strain at Break in Air (135°C, 168 hr)	> 450	%	IEC 60811
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -50.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	> 1.0E+15	ohms · cm	IEC 60093
Electric Strength	0.60	kV/mm	IEC 60243-1
Test Voltage	6500	V	IEC 60502
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	150	°C	
Cylinder Zone 2 Temp.	160	°C	
Cylinder Zone 3 Temp.	170	°C	
Cylinder Zone 4 Temp.	180	°C	
Cylinder Zone 5 Temp.	190	°C	
Die Temperature	215	°C	

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