

Garathane™ 6005 NATURAL

Polyurethane
AlphaGary

Message:
A NON-HALOGEN, FLAME RETARDANT, POLYURETHANE COMPOUND FOR DEMANDING CABLE JACKET APPLICATIONS.

General Information			
Features	Flame Retardant		
	Halogen Free		
Uses	Cable Jacketing		
RoHS Compliance	Contact Manufacturer		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25 to 1.29	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	55 to 61		
Shore A, 15 sec	46 to 52		
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (0.762 mm)	19.3	MPa	ASTM D412
Tensile Elongation (Break, 0.762 mm)	400	%	ASTM D412
Tear Strength (Split)	22	kN/m	ASTM D470
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (3.18 mm)	27	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	149	°C	
Cylinder Zone 2 Temp.	154	°C	
Cylinder Zone 3 Temp.	160	°C	
Cylinder Zone 4 Temp.	166	°C	
Cylinder Zone 5 Temp.	166	°C	
Adapter Temperature	166	°C	
Melt Temperature	160 to 171	°C	
Die Temperature	166	°C	

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