

Garathane™ 9006 NATURAL

Polyurethane (Polyether based)

AlphaGary

Message:

A NON-BLOOMING, FLAME RETARDED, 90°C RATED, POLYETHER BASED POLYURETHANE COMPOUND FOR DEMANDING WIRE AND CABLE APPLICATIONS.

General Information			
Features	No frost		
	Flame retardancy		
Uses	Wire and cable applications		
RoHS Compliance	Contact manufacturer		
Appearance	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22 - 1.26	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A	88 - 94		ASTM D2240
Shaw A, 15 seconds	83 - 89		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (0.762 mm)	32.4	MPa	ASTM D412
Tensile Elongation (Break, 0.762 mm)	600	%	ASTM D412
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-65.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.813 mm)	V-0		UL 94
Oxygen Index (3.18 mm)	29	%	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.	171	°C	
Adapter Temperature	171	°C	
Melt Temperature	171 - 182	°C	
Die Temperature	171	°C	
Extrusion instructions			
Compound should be dried before use and kept sealed to minimize moisture absorption.			

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