

Garathane™ X 94-350-B NATURAL

Polyurethane (Polyether based)

AlphaGary

Message:

GARATHANE X 94-350-B IS A FLAME RETARDED POLYETHER BASED POLYURETHANE

General Information			
Features	Flame retardancy		
RoHS Compliance	Contact manufacturer		
Appearance	Natural color		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50 - 1.54	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A	86 - 92		ASTM D2240
Shaw A, 15 seconds	79 - 85		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain, 0.762 mm)	4.83	MPa	ASTM D412
Tensile Strength (0.762 mm)	12.4	MPa	ASTM D412
Tensile Elongation (Break, 0.762 mm)	500	%	ASTM D412
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength ¹ (23°C, 24 hr, in DTE 24 oil)	-5.0	%	UL Unspecified
Change in Ultimate Elongation ² (23°C, 24 hr, in DTE 24 oil)	-10	%	UL Unspecified
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-45.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (3.18 mm)	35	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	132	°C	
Cylinder Zone 2 Temp.	138	°C	
Cylinder Zone 3 Temp.	143	°C	
Cylinder Zone 4 Temp.	149	°C	
Cylinder Zone 5 Temp.	149	°C	
Adapter Temperature	149	°C	
Melt Temperature	149 - 160	°C	
Die Temperature	149	°C	
Extrusion instructions			

Note: Material may have to be hopper dried

NOTE

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|----|-------------------|
| 1. | Thickness: 50 mil |
| 2. | Thickness: 50 mil |

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