

Garaflex™ O 9777-A2 NATURAL

Thermoplastic Elastomer

AlphaGary

Message:

A GARAFLEX-O COMPOUND

General Information			
RoHS Compliance	Contact Manufacturer		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.858 to 0.898	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	79 to 89		
Shore A, 15 sec	74 to 84		
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (0.762 mm)	13.8	MPa	ASTM D412
Tensile Elongation (Break, 0.762 mm)	600	%	ASTM D412
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-60.0	°C	ASTM D746
Electrical	Nominal Value	Test Method	
Dielectric Constant (23°C, 100 MHz)	2.25	ASTM D150	
Dissipation Factor (23°C, 100 MHz)	1.5E-3	ASTM D150	
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	166	°C	
Cylinder Zone 2 Temp.	188	°C	
Cylinder Zone 3 Temp.	199	°C	
Cylinder Zone 4 Temp.	204	°C	
Cylinder Zone 5 Temp.	204	°C	
Adapter Temperature	204	°C	
Melt Temperature	199 to 210	°C	
Die Temperature	204	°C	

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