

# GARAFLEX O 9777-A2 NATURAL

## Alphagary - Thermoplastic Polyolefin Elastomer

### General Information

#### Product Description

GARAFLEX® O 9777-A2 is a 105°C rated, flexible TPO compound intended for pump cable and flexible cord applications.

#### General

Features	• Good Flexibility
Uses	• Wire & Cable Applications
Appearance	• Natural Color
Processing Method	• Wire & Cable Extrusion

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.880		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (0.0300 in)	2000	psi	ASTM D412
Tensile Elongation (Break, 0.0300 in)	600	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, Instant	84		
Shore A, 15 sec	79		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature <sup>2</sup>	-76.0	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air <sup>3</sup> (277°F, 168 hr)	-6.0	%	UL Unspecified
Change in Ultimate Elongation in Air <sup>3</sup> (277°F, 168 hr)	10	%	UL Unspecified
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant (73°F, 100 MHz)	2.25		ASTM D150
Dissipation Factor (73°F, 100 MHz)	1.5E-3		ASTM D150

### Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	390 to 410	°F

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> F50

<sup>3</sup> Thickness: 75 mil