

Garaflex™ E 4777-A6 NATURAL LCF

Thermoplastic Elastomer

AlphaGary

Message:

A LEAD FREE, 105°C RATED, LOW GLOSS, FLAME RETARDED, FLEXIBLE, SUNLIGHT RESISTANT CORD JACKET COMPOUND.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Flexibility		
	Good UV Resistance		
	Low (to None) Lead Content		
	Low Gloss		
Uses	Flexible Cord Jacketing		
RoHS Compliance	Contact Manufacturer		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23 to 1.27	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	84 to 90		
Shore A, 15 sec	76 to 82		
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (1.91 mm)	17.2	MPa	ASTM D412
Tensile Elongation (Break, 1.91 mm)	350	%	ASTM D412
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength ¹ (60°C, 168 hr, in ASTM #2 Oil)	5.0	%	UL Unspecified
Change in Ultimate Elongation ² (60°C, 168 hr, in ASTM #2 Oil)	0.0	%	UL Unspecified
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-46.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.57 mm)	V-0		UL 94
Oxygen Index (3.18 mm)	25	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	143	°C	
Cylinder Zone 2 Temp.	160	°C	

Cylinder Zone 3 Temp.	166	°C
Cylinder Zone 4 Temp.	171	°C
Cylinder Zone 5 Temp.	171	°C
Adapter Temperature	177	°C
Melt Temperature	171 to 177	°C
Die Temperature	177	°C

NOTE		
1.	Thickness: 75 mil	
2.	Thickness: 75 mil	

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