

Garaflex™ E 4762-A5 NAT LCF

Thermoplastic Elastomer

AlphaGary

Message:

A 105°C, LEAD FREE, LOW TEMPERATURE, FLEXIBLE JACKET AND INSULATION COMPOUND.

General Information			
Features	Good Flexibility		
	Low (to None) Lead Content		
Uses	Flexible Jacketing		
	Insulation		
RoHS Compliance	Contact Manufacturer		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15 to 1.19	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	71 to 77		
Shore A, 15 sec	62 to 68		
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D412
0.635 mm	13.8	MPa	ASTM D412
1.91 mm	12.4	MPa	
Tensile Elongation			ASTM D412
Break, 1.91 mm	340	%	ASTM D412
Break, 0.635 mm	300	%	
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ¹ (136°C, 168 hr)	30	%	UL Unspecified
Change in Ultimate Elongation in Air ² (136°C, 168 hr)	-25	%	UL Unspecified
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-53.0	°C	ASTM D746
Deformation - retention, 1 hour (150°C, 635.0 µm)	65	%	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (3.18 mm)	24	%	ASTM D2863
NOTE			

1.	Thickness: 25 mil
2.	Thickness: 25 mil

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