

Garaflex™ E 4362-A1 NAT LCF

Thermoplastic Elastomer

AlphaGary

Message:

GARAFLEX E 4362-A1 LCF IS A 75°C RATED, LEAD FREE, LOW TEMPERATURE BOOSTER CABLE JACKET.

General Information			
Features	Low (to no) lead content		
Uses	Cable sheath		
RoHS Compliance	Contact manufacturer		
Appearance	Natural color		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21 - 1.25	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A	74 - 80		ASTM D2240
Shaw A, 15 seconds	65 - 71		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (1.52 mm)	15.2	MPa	ASTM D412
Tensile Elongation (Break, 1.52 mm)	380	%	ASTM D412
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ¹ (100°C, 240 hr)	0.0	%	UL Unspecified
Change in Ultimate Elongation in Air ² (100°C, 240 hr)	-10	%	UL Unspecified
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-45.0	°C	ASTM D746
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	149	°C	
Cylinder Zone 2 Temp.	166	°C	
Cylinder Zone 3 Temp.	171	°C	
Cylinder Zone 4 Temp.	177	°C	
Cylinder Zone 5 Temp.	182	°C	
Adapter Temperature	182	°C	
Melt Temperature	177 - 188	°C	
Die Temperature	182	°C	
Extrusion instructions			
Measure material stock temperature with a hand held pyrometer.			
NOTE			

1.	Thickness: 60 mil
2.	Thickness: 60 mil

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