

Garaflex™ E X 00-207F NAT UV-FG LCF

Thermoplastic Elastomer

AlphaGary

Message:

A 105°C RATED, LEAD FREE, FLAME RETARDANT, FLEXIBLE JACKETING COMPOUND WITH SUNLIGHT AND FUNGUS RESISTANCE PROPERTIES.

General Information			
Additive	UV Stabilizer		
Features	Flame Retardant		
	Fungus Resistant		
	Good Flexibility		
	Good UV Resistance		
	Low (to None) Lead Content		
Uses	Flexible Jacketing		
RoHS Compliance	Contact Manufacturer		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32 to 1.36	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	77 to 83		
Shore A, 15 sec	66 to 72		
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D412
0.762 mm	13.4	MPa	
1.91 mm	12.1	MPa	
Tensile Elongation			ASTM D412
Break, 1.91 mm	330	%	
Break, 0.762 mm	300	%	
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ¹ (136°C, 168 hr)	0.0	%	UL Unspecified
Change in Ultimate Elongation in Air ² (136°C, 168 hr)	-25	%	UL Unspecified
Change in Tensile Strength ³ (60°C, 168 hr, in ASTM #2 Oil)	0.0	%	UL Unspecified
Change in Ultimate Elongation ⁴ (60°C, 168 hr, in ASTM #2 Oil)	-25	%	UL Unspecified

Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-32.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (3.18 mm)	32	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	149	°C	
Cylinder Zone 2 Temp.	160	°C	
Cylinder Zone 3 Temp.	166	°C	
Cylinder Zone 4 Temp.	171	°C	
Cylinder Zone 5 Temp.	177	°C	
Adapter Temperature	177	°C	
Melt Temperature	177 to 185	°C	
Die Temperature	177	°C	
NOTE			
1.	Thickness: 30 mil		
2.	Thickness: 30 mil		
3.	Thickness: 30 mil		
4.	Thickness: 30 mil		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

