



GARAFLEX E 4777-A6 NATURAL LCF

Alphagary - Thermoplastic Vulcanizate

General Information

Product Description

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

General

Additive	• Flame Retardant
Features	• Flame Retardant • Low (to None) Lead Content • UV Resistant • Good Flexibility • Low Gloss
Uses	• Flexible Cord Jacketing • Wire & Cable Applications
Appearance	• Natural Color
Processing Method	• Wire & Cable Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.25		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (0.0750 in)	2500	psi	ASTM D412
Tensile Elongation (Break, 0.0750 in)	350	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, Instant	87		
Shore A, 15 sec	79		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature ²	-50.8	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength ³ 140°F, 168 hr, in IRM 902 Oil	5.0	%	UL Unspecified
Change in Ultimate Elongation ³ 140°F, 168 hr, in IRM 902 Oil	0.0	%	UL Unspecified
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.06 in)	V-0		UL 94
Oxygen Index (0.125 in)	25	%	ASTM D2863

Notes

¹ Typical properties: these are not to be construed as specifications.

² F50

³ Thickness: 75 mil