



GW series 3035-VW1 NATURAL LCF

Alphagary - Polyvinyl Chloride

General Information

Product Description

A 75°C RATED, LEAD FREE, FLAME RETARDED JACKETING COMPOUND.

General

Additive	• Flame Retardant
Features	• Flame Retardant • Low (to None) Lead Content
Uses	• Jacketing • Wire & Cable Applications
Appearance	• Natural Color
Processing Method	• Wire & Cable Extrusion

Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.41		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D412
0.0240 in	2600	psi	
0.0750 in	2400	psi	
Tensile Elongation			ASTM D412
Break, 0.0240 in	300	%	
Break, 0.0750 in	330	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, Instant	94		
Shore A, 15 sec	85		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature ²	-11.2	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ³			UL Unspecified
212°F, 168 hr	2.0	%	
212°F, 240 hr	3.0	%	
Change in Ultimate Elongation in Air ³			UL Unspecified
212°F, 168 hr	2.0	%	
212°F, 240 hr	0.0	%	
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant (73°F, 100 MHz)	3.05		ASTM D150
Dissipation Factor (73°F, 100 MHz)	0.027		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (0.125 in)	33	%	ASTM D2863

Notes

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

² F50

³ Thickness: 24 mil