



# GW series 3041-LT NATURAL UV-LCF

## Alphagary - Polyvinyl Chloride

### General Information

#### Product Description

A LEAD FREE, 60 OR 75°C RATED, UV LIGHT RESISTANT, HIGH QUALITY, LOW TEMPERATURE, HIGHLY FLAME RETARDED JACKETING COMPOUND.

#### General

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

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.50		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D412
0.0240 in	2300	psi	
0.0750 in	2100	psi	
Tensile Elongation			ASTM D412
Break, 0.0240 in	280	%	
Break, 0.0750 in	330	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, Instant	93		
Shore A, 15 sec	86		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature <sup>2</sup>	-25.6	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air <sup>3</sup>			UL Unspecified
212°F, 168 hr	-1.0	%	
212°F, 240 hr	3.0	%	
Change in Ultimate Elongation in Air <sup>3</sup>			UL Unspecified
212°F, 168 hr	-1.0	%	
212°F, 240 hr	-4.0	%	
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant (73°F, 100 MHz)	3.40		ASTM D150
Dissipation Factor (73°F, 100 MHz)	0.030		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (0.125 in)	40	%	ASTM D2863