

# GW series 2326-A-VW1 NAT OR1

## Alphagary - Polyvinyl Chloride

### General Information

#### Product Description

A 90°C OR 105°C RATED, LEAD AND CADMIUM FREE, OIL RESISTANT, FLAME RETARDED, LOW TEMPERATURE JACKET COMPOUND.

#### General

Additive	• Flame Retardant		
Features	• Flame Retardant • Low (to None) Cadmium Content	• Low (to None) Lead Content • Low Temperature Resistant	• Oil Resistant
Uses	• Cable Jacketing	• 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	1.30		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (0.0600 in)	2700	psi	ASTM D412
Tensile Elongation (Break, 0.0600 in)	370	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, Instant	84		
Shore A, 15 sec	76		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature <sup>2</sup>	-38.2	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air <sup>3</sup>			UL Unspecified
250°F, 168 hr	7.0	%	
277°F, 168 hr	2.0	%	
Change in Ultimate Elongation in Air <sup>3</sup>			UL Unspecified
250°F, 168 hr	-3.0	%	
277°F, 168 hr	-18	%	
Change in Tensile Strength <sup>3</sup>			UL Unspecified
212°F, 96 hr, in ASTM #2 Oil	-10	%	
Change in Ultimate Elongation <sup>3</sup>			UL Unspecified
212°F, 96 hr, in ASTM #2 Oil	-30	%	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (0.125 in)	30	%	ASTM D2863

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> F50

<sup>3</sup> Thickness: 60 mil