



# GW series 3042 NATURAL LCF

## Alphagary - Polyvinyl Chloride

### General Information

#### Product Description

A LEAD FREE, 90°C RATED, LOW TEMPERATURE, FLAME RETARDED CABLE JACKETING COMPOUND.

#### General

Additive	• Flame Retardant
Features	• Flame Retardant • Low (to None) Lead Content • Low Temperature 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	1.52		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D412
0.0240 in	2400	psi	
0.0750 in	2180	psi	
Tensile Elongation			ASTM D412
Break, 0.0750 in	280	%	
Break, 0.0240 in	250	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, Instant	96		
Shore A, 15 sec	88		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature <sup>2</sup>	-9.40	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air <sup>3</sup> (250°F, 168 hr)	0.0	%	UL Unspecified
Change in Ultimate Elongation in Air <sup>3</sup> (250°F, 168 hr)	-14	%	UL Unspecified
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (0.125 in)	40	%	ASTM D2863

#### Notes

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

<sup>2</sup> F50

<sup>3</sup> Thickness: 24 mil