



# GW series 2403-1-VW1 BLACK 75

## Alphagary - Polyvinyl Chloride

### General Information

#### Product Description

A HIGH QUALITY, LOW TEMPERATURE, 75C DEGREE, FLAME RETARDED JACKETING COMPOUND FOR TRAY CABLE.

#### General

Additive	• Flame Retardant
Features	• Flame Retardant • Low Temperature Resistant
Uses	• Cable Jacketing • Jacketing • Wire & Cable Applications
Appearance	• Black
Processing Method	• Wire & Cable Extrusion

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.41		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (0.0300 in)	2700	psi	ASTM D412
Tensile Elongation (Break, 0.0300 in)	270	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, Instant	95		
Shore A, 15 sec	86		
Shore D, Instant	52		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature <sup>2</sup>	-13.0	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (212°F, 240 hr)	0.0	%	UL Unspecified
Change in Ultimate Elongation in Air (212°F, 240 hr)	-20	%	UL Unspecified
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant (73°F, 100 MHz)	3.20		ASTM D150
Dissipation Factor (73°F, 100 MHz)	0.022		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.030 in)	V-0		UL Unspecified
Oxygen Index (0.125 in)	28	%	ASTM D2863

### Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	360	°F

#### Notes

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

<sup>2</sup> F50