

GW series 3003 NATURAL LCF Q

Alphagary - Polyvinyl Chloride

General Information

Product Description

A 80°C RATED, LEAD FREE, HIGHLY FLAME RETARDED JACKETING COMPOUND FOR FT-4 APPLICATIONS.

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

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.54		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D412
0.0300 in	2700	psi	
0.0750 in	2400	psi	
Tensile Elongation			ASTM D412
Break, 0.0300 in	280	%	
Break, 0.0750 in	310	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, Instant	96		
Shore A, 15 sec	89		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature ²	5.00	°F	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant (73°F, 100 MHz)	3.30		ASTM D150
Dissipation Factor (73°F, 100 MHz)	0.019		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (0.125 in)	43	%	ASTM D2863

Notes

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

² F50