

Alpha PVC GW 3035-VW1 NATURAL LCF

Polyvinyl Chloride

AlphaGary

Message:

A 60°C OR 75°C RATED, LEAD FREE, FLAME RETARDED JACKETING COMPOUND.

General Information			
Features	Flame Retardant		
	Low (to None) Lead Content		
Uses	Cable Jacketing		
RoHS Compliance	Contact Manufacturer		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39 to 1.43	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	92 to 98		
Shore A, 15 sec	83 to 89		
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (0.610 mm)	17.2	MPa	ASTM D412
Tensile Elongation (Break, 0.610 mm)	300	%	ASTM D412
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ¹			UL Unspecified
100°C, 168 hr	2.0	%	
100°C, 240 hr	3.0	%	
Change in Ultimate Elongation in Air ²			UL Unspecified
100°C, 168 hr	2.0	%	
100°C, 240 hr	0.0	%	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-24.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant (23°C, 100 MHz)	3.05		ASTM D150
Dissipation Factor (23°C, 100 MHz)	0.025		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (3.18 mm)	33	%	ASTM D2863
NOTE			
1.	Thickness: 24 mil		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

