

Alpha PVC GW 2038-VW1 NATURAL LCF

Polyvinyl Chloride

AlphaGary

Message:

60C OR 75C DEGREE JACKETING COMPOUND FOR CMR CABLE PER UL SUBJECT 444.

General Information			
Features	Flame Retardant		
Uses	Cable Jacketing		
Agency Ratings	UL 444		
RoHS Compliance	Contact Manufacturer		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33 to 1.37	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	95 to 101		
Shore A, 15 sec	89 to 95		
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (0.813 mm)	20.7	MPa	ASTM D412
Tensile Elongation (Break, 0.813 mm)	330	%	ASTM D412
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ¹			UL Unspecified
100°C, 168 hr	0.0	%	
100°C, 240 hr	0.0	%	
Change in Ultimate Elongation in Air ²			UL Unspecified
100°C, 168 hr	-15	%	
100°C, 240 hr	-20	%	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-22.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (23°C)	9.0E+13	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (3.18 mm)	31	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	177 to 188	°C	
NOTE			
1.	Thickness: 32 mil		

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