

Alpha PVC GW 2463-H-VW1 NATURAL LCF

Polyvinyl Chloride

AlphaGary

Message:

A LEAD FREE, 105 C DEGREE, FLAME RETARDED, THIN WALL RIBBON CABLE INSULATION.

General Information			
Features	Flame Retardant		
	Low (to None) Lead Content		
Uses	Thin-walled Insulation		
RoHS Compliance	Contact Manufacturer		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35 to 1.41	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore D	57 to 63		
Shore D, 15 sec	42 to 48		
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D412
0.762 mm	20.0	MPa	
1.91 mm	17.9	MPa	
Tensile Elongation			
Break, 1.91 mm	320	%	
Break, 0.762 mm	280	%	
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ¹ (136°C, 168 hr)	0.0	%	UL Unspecified
Change in Ultimate Elongation in Air ² (136°C, 168 hr)	-20	%	UL Unspecified
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-18.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity			ASTM D257
23°C ³	1.5E+14	ohms · cm	
23°C ⁴	2.0E+14	ohms · cm	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (3.18 mm)	28	%	ASTM D2863

Extrusion	Nominal Value	Unit
Melt Temperature	177 to 188	°C
NOTE		
1.	Thickness: 30 mil	
2.	Thickness: 30 mil	
3.	Wet	
4.	Dry	

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