

Alpha PVC GW 2462-H VW1 NAT LCF

Semi-Rigid Polyvinyl Chloride

AlphaGary

Message:

A 105C DEGREE, LEAD FREE, FLAME RETARDED, SEMI RIGID INSULATION COMPOUND.

General Information			
Features	Flame Retardant		
	Low (to None) Lead Content		
Uses	Insulation		
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	93 to 99		
Shore A, 15 sec	87 to 93		
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D412
Yield, 0.762 mm	17.2	MPa	
Yield, 1.91 mm	15.2	MPa	
Tensile Elongation			ASTM D412
Break, 1.91 mm	290	%	
Break, 0.762 mm	270	%	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-18.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (23°C)	4.0E+12	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (3.18 mm)	28	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	149	°C	
Cylinder Zone 2 Temp.	160	°C	
Cylinder Zone 3 Temp.	166	°C	
Cylinder Zone 4 Temp.	171	°C	
Cylinder Zone 5 Temp.	177	°C	

Adapter Temperature	177	°C
Melt Temperature	174 to 182	°C
Die Temperature	177	°C

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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

