

Alpha PVC GW 2326-A-VW1 NAT LCF

Polyvinyl Chloride

AlphaGary

Message:

A 90°C RATED, LEAD FREE, LOW TEMPERATURE JACKETING COMPOUND.

General Information			
Features	Low (to no) lead content		
	Flame retardancy		
Uses	Cable sheath		
RoHS Compliance	Contact manufacturer		
Appearance	Natural color		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22 - 1.26	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A	86 - 92		ASTM D2240
Shaw A, 15 seconds	78 - 84		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (1.27 mm)	17.9	MPa	ASTM D412
Tensile Elongation (fracture, 1.27mm)	330	%	ASTM D412
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ¹			UL Unspecified
121°C, 168 hr	-5.0	%	UL Unspecified
121°C, 336 hr	-5.0	%	UL Unspecified
Change in Ultimate Elongation in Air ²			UL Unspecified
121°C, 168 hr	-10	%	UL Unspecified
121°C, 336 hr	-10	%	UL Unspecified
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-48.0	°C	ASTM D746
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.	154	°C	
Cylinder Zone 3 Temp.	163	°C	
Cylinder Zone 4 Temp.	168	°C	

Cylinder Zone 5 Temp.	168	°C
Adapter Temperature	168	°C
Melt Temperature	168 - 177	°C
Die Temperature	168	°C

Extrusion instructions

Screen Pack: 20/60/20Screw Design: Standard PVC metering screw with a 3-3.5:1 compression ratioPVC barrier or barrier . maddocksMaddocks mixing screw

NOTE

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|----|-------------------|
| 1. | Thickness: 50 mil |
| 2. | Thickness: 50 mil |

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