

# Alpha PVC GW 3042 NATURAL LCF

Polyvinyl Chloride

AlphaGary

Message:

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

General Information			
Additive	Flame Retardant		
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	1.51 to 1.55	g/cm <sup>3</sup>	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
0.610 mm	16.5	MPa	
1.91 mm	14.5	MPa	
Tensile Elongation			ASTM D412
Break, 1.91 mm	300	%	
Break, 0.610 mm	280	%	
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air <sup>1</sup> (121°C, 168 hr)	0.0	%	UL Unspecified
Change in Ultimate Elongation in Air <sup>2</sup> (121°C, 168 hr)	-14	%	UL Unspecified
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-23.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (3.18 mm)	40	%	ASTM D2863
NOTE			
1.	Thickness: 24 mil		

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