

SMOKEGUARD™ III 1080-C NATURAL

Polyvinyl Chloride
AlphaGary

Message:

A HIGHLY FLAME RETARDANT, LOW SMOKE, LEAD FREE PLENUM JACKET COMPOUND. FOR CONDUIT APPLICATIONS.

General Information			
Features	Flame Retardant		
	Low (to None) Lead Content		
	Low Smoke Emission		
Uses	Conduit		
	Plenum Cable Jacketing		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.67 to 1.71	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore D	72 to 78		
Shore D, 15 sec	60 to 66		
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus (1.91 mm)	758	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D412
0.381 mm	17.2	MPa	
1.91 mm	15.2	MPa	
Tensile Elongation			ASTM D412
Break, 1.91 mm	200	%	
Break, 0.381 mm	190	%	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (3.18 mm)	54	%	ASTM D2863

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