

SMOKEGUARD™ O 204 NATURAL

Polyolefin

AlphaGary

Message:

SMOKEGUARD O-204 IS A PLENUM CABLE SPLINE COMPOUND.

General Information			
Uses	Ceiling compartment cable sheath material		
Appearance	Natural color		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50 - 1.56	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw D	60 - 66		ASTM D2240
Shaw D, 15 seconds	51 - 57		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (0.762 mm)	12.4	MPa	ASTM D412
Tensile Elongation (Break, 0.762 mm)	15	%	ASTM D412
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant			ASTM D150
23°C, 100 MHz	3.34		ASTM D150
23°C, 200 MHz	3.34		ASTM D150
23°C, 350 MHz	3.34		ASTM D150
23°C, 600 MHz	3.33		ASTM D150
23°C, 1.00 GHz	3.32		ASTM D150
Dissipation Factor			ASTM D150
23°C, 100 MHz	1.0E-3		ASTM D150
23°C, 200 MHz	1.0E-3		ASTM D150
23°C, 350 MHz	1.0E-3		ASTM D150
23°C, 600 MHz	1.0E-3		ASTM D150
23°C, 1.00 GHz	1.0E-3		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (3.18 mm)	38	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Cylinder Zone 1 Temp.	171	°C	
Cylinder Zone 2 Temp.	177	°C	

Cylinder Zone 3 Temp.	182	°C
Cylinder Zone 4 Temp.	188	°C
Adapter Temperature	193	°C
Melt Temperature	193 - 204	°C
Die Temperature	193	°C

Extrusion instructions

Screw Design: General purpose screwScreen Pack: 40/60/40 or 40/80/40

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