

SMOKEGUARD™ O 404 NATURAL

Polyolefin

AlphaGary

Message:

SMOKEGUARD O 404 IS A TELECOMMUNICATION CABLE SPLINE COMPOUND

General Information			
Uses	Cable sheath		
Appearance	Natural color		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.45 - 1.51	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.2	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw D	69 - 75		ASTM D2240
Shaw D, 15 seconds	58 - 64		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (0.762 mm)	14.5	MPa	ASTM D412
Tensile Elongation (Break, 0.762 mm)	50	%	ASTM D412
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant			ASTM D150
23°C, 1 MHz	3.21		ASTM D150
23°C, 1.00 GHz	3.19		ASTM D150
Dissipation Factor			ASTM D150
23°C, 1 MHz	1.6E-3		ASTM D150
23°C, 1.00 GHz	1.7E-3		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (3.18 mm)	34	%	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
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Extrusion instructions

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

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