

SMOKEGUARD™ O 208 NATURAL

Polyolefin

AlphaGary

Message:

SMOKEGUARD O-208 IS A HIGH PERFORMANCE OLEFIN FILLER.

General Information			
Uses	Filling Applications		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.64 to 1.68	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/10.0 kg)	3.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore D	62 to 68		
Shore D, 15 sec	52 to 58		
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (0.762 mm)	8.96	MPa	ASTM D412
Tensile Elongation (Break, 0.762 mm)	5.0	%	ASTM D412
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant (23°C, 100 MHz)	3.70		ASTM D150
Dissipation Factor (23°C, 100 MHz)	1.5E-3		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (3.18 mm)	43	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	160	°C	
Cylinder Zone 2 Temp.	171	°C	
Cylinder Zone 3 Temp.	177	°C	
Cylinder Zone 4 Temp.	182	°C	
Cylinder Zone 5 Temp.	182	°C	
Adapter Temperature	182	°C	
Melt Temperature	182 to 191	°C	
Die Temperature	182	°C	

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