

SMOKEGUARD™ HP 505 NATURAL

Fluoropolymer
AlphaGary

Message:

SMOKEGUARD HP 505 NATURAL IS A PLENUM-RATED COMPOUND INTENDED FOR DEMANDING APPLICATIONS.

General Information			
Uses	Plenum Cable Jacketing		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.25 to 2.29	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore D	67 to 73		
Shore D, 15 sec	57 to 63		
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (0.762 mm)	17.2	MPa	ASTM D412
Tensile Elongation (Break, 0.762 mm)	400	%	ASTM D412
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-13.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (3.18 mm)	45	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	177	°C	
Cylinder Zone 2 Temp.	188	°C	
Cylinder Zone 3 Temp.	193	°C	
Cylinder Zone 4 Temp.	199	°C	
Cylinder Zone 5 Temp.	204	°C	
Adapter Temperature	204	°C	
Melt Temperature	199 to 204	°C	
Die Temperature	204	°C	

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