

Fainplast Compounds HAX HF 200 Halogen Free PVC

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Wire and Cable Grade

Material Notes:

HAX HF 200 is a thermoplastic flame retardant compound, and halogen free on polyolefinic basis. It can be used for the production of energy, signal and control cables

Order this product through the following link:

http://www.lookpolymers.com/polymer_Fainplast-Compounds-HAX-HF-200-Halogen-Free-PVC.php

Physical Properties	Metric	English	Comments
Density	1.49 g/cc	0.0538 lb/in ³	ISO R 1183
Melt Index of Compound	5.0 g/10 min @Load 21.6 kg, Temperature 150 °C	5.0 g/10 min @Load 47.6 lb, Temperature 302 °F	Fainplast

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	45	45	at 15"; ISO R 868
Tensile Strength at Break	12.0 MPa	1740 psi	ISO R 527
Elongation at Break	180 %	180 %	ISO R 527

Thermal Properties	Metric	English	Comments
Oxygen Index	36 %	36 %	CEI 20-22

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.00e+15 ohm-cm	2.00e+15 ohm-cm	ASTM D257

Processing Properties	Metric	English	Comments
Zone 1	130 - 150 °C	266 - 302 °F	
Zone 2	130 - 160 °C	266 - 320 °F	
Zone 3	140 - 160 °C	284 - 320 °F	
Zone 4	140 - 160 °C	284 - 320 °F	
Die Temperature	150 - 170 °C	302 - 338 °F	
Head Temperature	150 - 165 °C	302 - 329 °F	

Descriptive Properties	Value	Comments
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Descriptive Properties	Value	Comments
Emission of Halogenidric acids (%)	0.1	
Pressure Test at 80°C (%)	50	
Water Absorption (mg/cm ²)	5	

Contact Songhan Plastic Technology Co.,Ltd.

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