

Fainplast Compounds Hax™ HF 045/11 Flame Retardant Polyolefin Cable Compound

Category : Polymer , Thermoplastic , Polyolefin , Polyolefin, Wire/Cable Grade

Material Notes:

Thermoplastic halogen free flame retardant compound based on polyolefins and mineral fillers
Grade description: Sheathing, insulation, low shrinkage
Information provided by Fainplast Compounds

Order this product through the following link:

http://www.lookpolymers.com/polymer_Fainplast-Compounds-Hax-HF-04511-Flame-Retardant-Polyolefin-Cable-Compound.php

Physical Properties	Metric	English	Comments
Density	1.48 - 1.52 g/cc	0.0535 - 0.0549 lb/in ³	ISO 1183
Melt Flow	6.5 g/10 min @Load 21.6 kg, Temperature 150 °C	6.5 g/10 min @Load 47.6 lb, Temperature 302 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	46 - 52	46 - 52	ISO 868
Tensile Strength	13.0 MPa	1890 psi	ISO 527
Elongation at Break	170 %	170 %	ISO 527

Thermal Properties	Metric	English	Comments
Oxygen Index	36 %	36 %	ISO 4589

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+14 ohm-cm	1.00e+14 ohm-cm	ASTM D257

Processing Properties	Metric	English	Comments
Processing Temperature	100 - 180 °C	212 - 356 °F	extruder
Shelf Life	3.00 Month @Temperature 30.0 °C	3.00 Month @Temperature 86.0 °F	Moisture absorption after extended storage

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