

Fainplast Compounds Hax™ HFX 509/1 Crosslinkable HFFR Cable Compound

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

Material Notes:

Polyolefin based HFFR silane grafted compound; cross-linkable by heat and moisture and by addition of suitable catalyst
 description:• Insulation for solar cables
 Information provided by Fainplast Compounds

Order this product through the following link:

http://www.lookpolymers.com/polymer_Fainplast-Compounds-Hax-HFX-5091-Crosslinkable-HFFR-Cable-Compound.php

Physical Properties	Metric	English	Comments
Density	1.40 - 1.44 g/cc	0.0506 - 0.0520 lb/in ³	ISO 1183
Melt Flow	5.0 g/10 min @Load 21.6 kg, Temperature 150 °C	5.0 g/10 min @Load 47.6 lb, Temperature 302 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	45 - 51	45 - 51	ISO 868
Tensile Strength	12.5 MPa	1810 psi	Crosslinked specimen; ISO 527
Elongation at Break	250 %	250 %	Crosslinked specimen; ISO 527

Thermal Properties	Metric	English	Comments
Oxygen Index	30 %	30 %	ISO 4589

Electrical Properties	Metric	English	Comments
Volume Resistivity	>= 5.00e+15 ohm-cm	>= 5.00e+15 ohm-cm	ASTM D257

Processing Properties	Metric	English	Comments
Processing Temperature	120 - 200 °C	248 - 392 °F	
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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