

Fainplast Compounds Hax™ HFX 519 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
Grade description: • Sheathing, Insulation
Information provided by Fainplast Compounds

Order this product through the following link:

http://www.lookpolymers.com/polymer_Fainplast-Compounds-Hax-HFX-519-Crosslinkable-HFFR-Cable-Compound.php

Physical Properties	Metric	English	Comments
Density	1.34 - 1.38 g/cc	0.0484 - 0.0499 lb/in³	ISO 1183
Melt Flow	3.0 g/10 min @Load 21.6 kg, Temperature 150 °C	3.0 g/10 min @Load 47.6 lb, Temperature 302 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	35 - 41	35 - 41	ISO 868
Tensile Strength	12.0 MPa	1740 psi	Crosslinked specimen; ISO 527
Elongation at Break	270 %	270 %	Crosslinked specimen; ISO 527

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

Electrical Properties	Metric	English	Comments
Volume Resistivity	>= 1.00e+16 ohm-cm	>= 1.00e+16 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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