

## Fainplast Compounds Hax™ HF 039/4H 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, high flexibility  
Information provided by Fainplast Compounds

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Fainplast-Compounds-Hax-HF-0394H-Flame-Retardant-Polyolefin-Cable-Compound.php](http://www.lookpolymers.com/polymer_Fainplast-Compounds-Hax-HF-0394H-Flame-Retardant-Polyolefin-Cable-Compound.php)

Physical Properties	Metric	English	Comments
Density	1.37 - 1.41 g/cc	0.0495 - 0.0509 lb/in <sup>3</sup>	ISO 1183
Melt Flow	13 g/10 min @Load 21.6 kg, Temperature 150 °C	13 g/10 min @Load 47.6 lb, Temperature 302 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	38 - 44	38 - 44	ISO 868
Tensile Strength	11.0 MPa	1600 psi	ISO 527
Elongation at Break	260 %	260 %	ISO 527

Thermal Properties	Metric	English	Comments
Oxygen Index	34 %	34 %	ISO 4589

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+15 ohm-cm	1.00e+15 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

## Contact Songhan Plastic Technology Co.,Ltd.

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