

## Fainplast Compounds Hax™ HF 045/16M 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-04516M-Flame-Retardant-Polyolefin-Cable-Compound.php](http://www.lookpolymers.com/polymer_Fainplast-Compounds-Hax-HF-04516M-Flame-Retardant-Polyolefin-Cable-Compound.php)

Physical Properties	Metric	English	Comments
Density	1.43 - 1.47 g/cc	0.0517 - 0.0531 lb/in <sup>3</sup>	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	46 - 52	46 - 52	ISO 868
Tensile Strength	12.5 MPa	1810 psi	ISO 527
Elongation at Break	150 %	150 %	ISO 527

Thermal Properties	Metric	English	Comments
Oxygen Index	40 %	40 %	ISO 4589

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