

## Fainplast Compounds HAX HF 3522D Halogen Free PVC

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Wire and Cable Grade

### Material Notes:

Sheathing; standard grade improved processing speed

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Fainplast-Compounds-HAX-HF-3522D-Halogen-Free-PVC.php](http://www.lookpolymers.com/polymer_Fainplast-Compounds-HAX-HF-3522D-Halogen-Free-PVC.php)

| Physical Properties    | Metric                                               | English                                              | Comments  |
|------------------------|------------------------------------------------------|------------------------------------------------------|-----------|
| Density                | 1.48 - 1.52 g/cc                                     | 0.0535 - 0.0549 lb/in <sup>3</sup>                   | IEC 60811 |
| Melt Index of Compound | 6.0 g/10 min<br>@Load 21.6 kg,<br>Temperature 150 °C | 6.0 g/10 min<br>@Load 47.6 lb,<br>Temperature 302 °F | Fainplast |

| Mechanical Properties     | Metric   | English  | Comments  |
|---------------------------|----------|----------|-----------|
| Hardness, Shore D         | 46 - 52  | 46 - 52  | IEC 60811 |
| Tensile Strength at Break | 12.0 MPa | 1740 psi | IEC 60811 |
| Elongation at Break       | 180 %    | 180 %    | IEC 60811 |

| Thermal Properties | Metric | English | Comments |
|--------------------|--------|---------|----------|
| Oxygen Index       | 38 %   | 38 %    | ISO 4589 |

| Electrical Properties | Metric                                  | English                                 | Comments  |
|-----------------------|-----------------------------------------|-----------------------------------------|-----------|
| Volume Resistivity    | 7.00e+13 ohm-cm<br>@Temperature 20.0 °C | 7.00e+13 ohm-cm<br>@Temperature 68.0 °F | ASTM D257 |

## Contact Songhan Plastic Technology Co.,Ltd.

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