

Fainplast Compounds HAX HF 3621 Halogen Free PVC

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

Material Notes:

General purpose

Order this product through the following link:

http://www.lookpolymers.com/polymer_Fainplast-Compounds-HAX-HF-3621-Halogen-Free-PVC.php

| Physical Properties | Metric | English | Comments |
|------------------------|--|--|-----------|
| Density | 1.47 - 1.51 g/cc | 0.0531 - 0.0546 lb/in ³ | IEC 60811 |
| Melt Index of Compound | 5.0 g/10 min @Load 21.6 kg, Temperature 150 °C | 5.0 g/10 min @Load 47.6 lb, Temperature 302 °F | Fainplast |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|----------|----------|-----------|
| Hardness, Shore D | 45 - 51 | 45 - 51 | IEC 60811 |
| Tensile Strength at Break | 11.0 MPa | 1600 psi | IEC 60811 |
| Elongation at Break | 170 % | 170 % | IEC 60811 |

| Thermal Properties | Metric | English | Comments |
|--------------------|--------|---------|----------|
| Oxygen Index | 36 % | 36 % | ISO 4589 |

| Electrical Properties | Metric | English | Comments |
|-----------------------|---|---|-----------|
| Volume Resistivity | 1.00e+14 ohm-cm @Temperature 20.0 °C | 1.00e+14 ohm-cm @Temperature 68.0 °F | ASTM D257 |

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