

Fainplast Compounds HL 101 Flexible PVC, Insulation for High Temperatures

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

Material Notes:

Operating temperature 80°C

Order this product through the following link:

http://www.lookpolymers.com/polymer_Fainplast-Compounds-HL-101-Flexible-PVC-Insulation-for-High-Temperatures.php

Physical Properties	Metric	English	Comments
Density	1.34 - 1.38 g/cc	0.0484 - 0.0499 lb/in ³	ISO R 1184

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	47 - 51	47 - 51	± 2; ISO 527
Tensile Strength at Break	>= 24.0 MPa	>= 3480 psi	ISO R 527
Elongation at Break	>= 240 %	>= 240 %	ISO R 527

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

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+15 ohm-cm @Temperature 23.0 °C	1.00e+15 ohm-cm @Temperature 73.4 °F	ASTM D257

Descriptive Properties	Value	Comments
Thermal Stability (minutes)	160	CEI 20-34/3-2

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