

Fainplast Compounds HL 92/1 Flexible PVC, Insulation for High Temperatures

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

Material Notes:

Operating temperature 105°C, flame retardant, oil resisting

Order this product through the following link:

http://www.lookpolymers.com/polymer_Fainplast-Compounds-HL-921-Flexible-PVC-Insulation-for-High-Temperatures.php

Physical Properties	Metric	English	Comments
Density	1.42 - 1.46 g/cc	0.0513 - 0.0527 lb/in ³	ISO R 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90 - 94	90 - 94	ISO R 868
Tensile Strength at Break	>= 19.0 MPa	>= 2760 psi	ISO R 527
Elongation at Break	>= 320 %	>= 320 %	ISO R 527

Thermal Properties	Metric	English	Comments
Oxygen Index	28 %	28 %	ISO 4589

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.50e+14 ohm-cm @Temperature 23.0 °C	1.50e+14 ohm-cm @Temperature 73.4 °F	ASTM D257

Descriptive Properties	Value	Comments
Thermal Stability (minutes)	180	CEI 20-34/3-2

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