

Fainplast Compounds Propylplus 703 Polypropylene Cable Compound

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Extrusion Grade

Material Notes:

Polypropylene, halogen-free cable compound with superior thermo-mechanical properties, outstanding heat resistance, and high electrical properties
Solid Polypropylene (flexible)
Information provided by Fainplast Compounds

Order this product through the following link:

http://www.lookpolymers.com/polymer_Fainplast-Compounds-Propylplus-703-Polypropylene-Cable-Compound.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ISO 1183
Melt Flow	2.0 g/10 min @Load 2.16 kg, Temperature 230 °C	2.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	49	49	ISO 868
Tensile Strength at Break	25.0 MPa	3630 psi	50 mm/min; ISO 527
Elongation at Break	700 %	700 %	50 mm/min; ISO 527

Thermal Properties	Metric	English	Comments
Vicat Softening Point	104 °C	219 °F	10N; ISO 306

Electrical Properties	Metric	English	Comments
Volume Resistivity	>= 1.00e+16 ohm-cm	>= 1.00e+16 ohm-cm	ASTM D257
Dielectric Constant	2.26 @Frequency 1.00e+6 Hz	2.26 @Frequency 1.00e+6 Hz	

Processing Properties	Metric	English	Comments
Processing Temperature	180 - 240 °C	356 - 464 °F	

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