

Fainplast Compounds Ethylplus 623 HD Polyethylene Cable Compound

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Extruded

Material Notes:

Polyethelene, halogen-free cable compound with superior thermo-mechanical properties, outstanding heat resistance, and high electrical properties
Black HDPE Sheathing Information provided by Fainplast Compounds

Order this product through the following link:

http://www.lookpolymers.com/polymer_Fainplast-Compounds-Ethylplus-623-HD-Polyethylene-Cable-Compound.php

Physical Properties	Metric	English	Comments
Density	0.960 g/cc	0.0347 lb/in ³	ISO 1183
Melt Flow	0.50 g/10 min @Load 2.16 kg, Temperature 190 °C	0.50 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	58	58	ISO 868
Tensile Strength at Break	>= 18.0 MPa	>= 2610 psi	50 mm/min; ISO 527
Elongation at Break	>= 400 %	>= 400 %	50 mm/min; ISO 527

Electrical Properties	Metric	English	Comments
Volume Resistivity	>= 5.00e+15 ohm-cm	>= 5.00e+15 ohm-cm	ASTM D257

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

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