

Fainplast Compounds Ethylplus 613 HPE 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 propertiesExpandable HDPE by gas injectionInformation provided by Fainplast Compounds

Order this product through the following link:

http://www.lookpolymers.com/polymer_Fainplast-Compounds-Ethylplus-613-HPE-Polyethylene-Cable-Compound.php

Physical Properties	Metric	English	Comments
Density	0.948 g/cc	0.0342 lb/in ³	ISO 1183
Melt Flow	6.8 g/10 min @Load 2.16 kg, Temperature 190 °C	6.8 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	56	56	ISO 868
Tensile Strength at Break	>= 18.0 MPa	>= 2610 psi	50 mm/min; ISO 527
Elongation at Break	>= 300 %	>= 300 %	50 mm/min; ISO 527

Electrical Properties	Metric	English	Comments
Volume Resistivity	>= 2.00e+16 ohm-cm	>= 2.00e+16 ohm-cm	ASTM D257

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

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