

## Fainplast Compounds Ethylplus 611 LE Polyethylene Cable Compound

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Wire/Cable Grade

**Material Notes:**

Polyethelene, halogen-free cable compound with superior thermo-mechanical properties, outstanding heat resistance, and high electrical propertiesExpandable LDPEInformation provided by Fainplast Compounds

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Fainplast-Compounds-Ethylplus-611-LE-Polyethylene-Cable-Compound.php](http://www.lookpolymers.com/polymer_Fainplast-Compounds-Ethylplus-611-LE-Polyethylene-Cable-Compound.php)

Physical Properties	Metric	English	Comments
Density	0.928 g/cc	0.0335 lb/in <sup>3</sup>	ISO 1183
Melt Flow	8.0 g/10 min @Load 2.16 kg, Temperature 190 °C	8.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	44	44	ISO 868
Tensile Strength at Break	>= 12.0 MPa	>= 1740 psi	50 mm/min; ISO 527
Elongation at Break	>= 300 %	>= 300 %	50 mm/min; ISO 527

Electrical Properties	Metric	English	Comments
Volume Resistivity	>= 1.00e+16 ohm-cm	>= 1.00e+16 ohm-cm	ASTM D257

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

## Contact Songhan Plastic Technology Co.,Ltd.

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