

## Fainplast Compounds Propylplus 700 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 Information provided by Fainplast Compounds

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Fainplast-Compounds-Propylplus-700-Polypropylene-Cable-Compound.php](http://www.lookpolymers.com/polymer_Fainplast-Compounds-Propylplus-700-Polypropylene-Cable-Compound.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ISO 1183
Melt Flow	4.0 g/10 min @Load 2.16 kg, Temperature 230 °C	4.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	61	61	ISO 868
Tensile Strength at Break	28.0 MPa	4060 psi	50 mm/min; ISO 527
Elongation at Break	750 %	750 %	50 mm/min; ISO 527

Thermal Properties	Metric	English	Comments
Vicat Softening Point	151 °C	304 °F	10N; ISO 306

Electrical Properties	Metric	English	Comments
Volume Resistivity	>= 1.00e+17 ohm-cm	>= 1.00e+17 ohm-cm	ASTM D257
Dielectric Constant	2.28 @Frequency 1.00e+6 Hz	2.28 @Frequency 1.00e+6 Hz	

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

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China