

## Carmel Olefins IPETHENE® 470 Low Density Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Extrusion Grade

### Material Notes:

IPETHENE® 470 is a low density polyethylene extrusion coating and lamination grade. This grade can be processed at high coating temperatures and coating speeds. It exhibits low neck-in and stable web edge, good adhesion to many substrates, excellent heat sealing properties, and low gel level. APPLICATIONS IPETHENE® 470 is used for extrusion coating of various materials, injection and blow molding articles, and compounds and masterbatches production.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Carmel-Olefins-IPETHENE-470-Low-Density-Polyethylene.php](http://www.lookpolymers.com/polymer_Carmel-Olefins-IPETHENE-470-Low-Density-Polyethylene.php)

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in <sup>3</sup>	ISO 1183-A
Melt Flow	5.0 g/10 min @Load 2.16 kg, Temperature 190 °C	5.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	10.5 MPa	1520 psi	ISO 527-2
Tensile Strength, Yield	10.5 MPa	1520 psi	ISO 527-2
Elongation at Break	500 %	500 %	ISO 527-2

Thermal Properties	Metric	English	Comments
Vicat Softening Point	92.0 °C @Load 1.02 kg	198 °F @Load 2.25 lb	ISO 306

## Contact Songhan Plastic Technology Co.,Ltd.

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