

## SIDPEC EGYPTENE<sup>®</sup> HD 3802 FA HDPE Film

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

### Material Notes:

Applications: General purpose thin film, trash bags, merchant bags  
Blending partner: Film properties were measured on 15 micron film extruded at a blow up ratio of 5:1, 10D neck height.  
Information provided by Interchim s.r.l., official distributor of Sidi Kerir Petrochemicals Co. (SIDPEC) Products

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SIDPEC-EGYPTENE-HD-3802-FA-HDPE-Film.php](http://www.lookpolymers.com/polymer_SIDPEC-EGYPTENE-HD-3802-FA-HDPE-Film.php)

Physical Properties	Metric	English	Comments
Density	0.939 g/cc	0.0339 lb/in <sup>3</sup>	ISO 1872/1
Thickness	15.0 microns	0.591 mil	
High Load Melt Index	14 g/10 min @Load 21.6 kg	14 g/10 min @Load 47.6 lb	ISO 1133

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	18.0 MPa	2610 psi	ISO 1184
Film Tensile Strength at Yield, TD	19.0 MPa	2760 psi	ISO 1184
Film Elongation at Break, MD	450 %	450 %	ISO 1184
Film Elongation at Break, TD	610 %	610 %	ISO 1184
Dart Drop	10.67 g/micron	271.0 g/mil	Calculated from thickness
Dart Drop Test	160 g	0.353 lb	ASTM D1709
Film Tensile Strength at Break, MD	50.0 MPa	7250 psi	ISO 1184
Film Tensile Strength at Break, TD	40.0 MPa	5800 psi	ISO 1184

## Contact Songhan Plastic Technology Co.,Ltd.

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