

SIDPEC EGYPTENE[®] HD 5301 FB HDPE Film

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

Material Notes:

Applications: Strong thin film Carrier bag Grocery sacks Film properties were measured on 15 micron film extruded at a blow up ratio of 5:1, 8D 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-5301-FB-HDPE-Film.php

Physical Properties	Metric	English	Comments
Density	0.953 g/cc	0.0344 lb/in ³	ISO 1872/1
Thickness	15.0 microns	0.591 mil	
Melt Flow	0.050 g/10 min @Load 2.16 kg	0.050 g/10 min @Load 4.76 lb	ISO 1133

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	32.0 MPa	4640 psi	ISO 1184
Film Tensile Strength at Yield, TD	29.0 MPa	4210 psi	ISO 1184
Film Elongation at Break, MD	450 %	450 %	ISO 1184
Film Elongation at Break, TD	400 %	400 %	ISO 1184
Dart Drop	10.0 g/micron	254 g/mil	Calculated from thickness
Dart Drop Test	150 g	0.331 lb	ASTM D1709
Film Tensile Strength at Break, MD	56.0 MPa	8120 psi	ISO 1184
Film Tensile Strength at Break, TD	65.0 MPa	9430 psi	ISO 1184

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