

SIDPEC EGYPTENE[®] LL 0220 KJ LLDPE Film

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE), Film Grade

Material Notes:

Applications: Light and medium duty film. Film properties were measured on 38 micron film extruded at a blow up ratio of 2:1. 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-LL-0220-KJ-LLDPE-Film.php

Physical Properties	Metric	English	Comments
Density	0.921 g/cc	0.0333 lb/in ³	ISO 1872/1
Thickness	38.0 microns	1.50 mil	
Melt Flow	2.2 g/10 min @Load 2.16 kg	2.2 g/10 min @Load 4.76 lb	ISO 1133

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	10.0 MPa	1450 psi	ISO 1184
Film Tensile Strength at Yield, TD	11.0 MPa	1600 psi	ISO 1184
Film Elongation at Break, MD	600 %	600 %	ISO 1184
Film Elongation at Break, TD	800 %	800 %	ISO 1184
Elmendorf Tear Strength, MD	4.72 g/micron	120 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	13.8 g/micron	350 g/mil	ASTM D1922
Dart Drop	3.42 g/micron	86.9 g/mil	Calculated from thickness
Dart Drop Test	120 g	0.265 lb	ASTM D1709
Film Tensile Strength at Break, MD	36.0 MPa	5220 psi	ISO 1184
Film Tensile Strength at Break, TD	28.0 MPa	4060 psi	ISO 1184

Thermal Properties	Metric	English	Comments
Vicat Softening Point	93.0 Å°C	199 Å°F	ISO 306

Processing Properties	Metric	English	Comments
Melt Temperature	225 Å°C	437 Å°F	

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