

SIDPEC EGYPTENE[®] LL 0209 AA LLDPE Film

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

Material Notes:

Applications: Heavy duty sacks Agricultural films and liners Produce bags, stretch film Film properties were measured on 15 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-0209-AA-LLDPE-Film.php

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in ³	ISO 1872/1
Thickness	15.0 microns	0.591 mil	
Melt Flow	0.90 g/10 min @Load 2.16 kg	0.90 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	620 %	620 %	ISO 1184
Film Elongation at Break, TD	840 %	840 %	ISO 1184
Elmendorf Tear Strength, MD	5.71 g/micron	145 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	14.6 g/micron	370 g/mil	ASTM D1922
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	41.0 MPa	5950 psi	ISO 1184
Film Tensile Strength at Break, TD	32.0 MPa	4640 psi	ISO 1184

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

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