

Iran Petrochemical (PCC) Arak 20075AA LLDPE (discontinued **)

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

Material Notes:

Information provided by Iran Petrochemical Commercial Co.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Iran-Petrochemical-PCC-Arak-20075AA-LLDPE-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.919 - 0.921 g/cc	0.0332 - 0.0333 lb/in ³	ASTM D1505
Melt Flow	0.65 - 0.85 g/10 min @Load 2.16 kg, Temperature 190 °C	0.65 - 0.85 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	9.00 MPa	1310 psi	ASTM D882
Film Tensile Strength at Yield, TD	9.50 MPa	1380 psi	ASTM D882
Film Elongation at Break, MD	700 %	700 %	ASTM D882
Film Elongation at Break, TD	800 %	800 %	ASTM D882
Elmendorf Tear Strength, MD	5.12 g/micron	130 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	13.8 g/micron	350 g/mil	ASTM D1922
Dart Drop Test	80.0 g	0.176 lb	ASTM D1709
Film Tensile Strength at Break, MD	35.0 MPa	5080 psi	ASTM D882
Film Tensile Strength at Break, TD	30.0 MPa	4350 psi	ASTM D882

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