

Iran Petrochemical (PCC) Arak 1209AA 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-1209AA-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	0.80 - 1.0 g/10 min @Load 2.16 kg, Temperature 190 °C	0.80 - 1.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	10.0 MPa	1450 psi	ASTM D882
Film Tensile Strength at Yield, TD	11.0 MPa	1600 psi	ASTM D882
Film Elongation at Break, MD	630 %	630 %	ASTM D882
Film Elongation at Break, TD	800 %	800 %	ASTM D882
Dart Drop Test	130 g	0.287 lb	ASTM D1709
Film Tensile Strength at Break, MD	35.0 MPa	5080 psi	ASTM D882
Film Tensile Strength at Break, TD	28.0 MPa	4060 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Vicat Softening Point	97.0 °C	207 °F	ASTM D1525-75

Optical Properties	Metric	English	Comments
Haze	6.0 %	6.0 %	ASTM D1003 A-61
Gloss	70 %	70 %	PU Meter, 45°C Head; ASTM D2456-70

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