

Iran Petrochemical (PCC) Tabriz 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-Tabriz-1209AA-LLDPE-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.919 - 0.921 g/cc	0.0332 - 0.0333 lb/in ³	ASTM D792
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	ISO 1184
Film Tensile Strength at Yield, TD	11.0 MPa	1600 psi	ISO 1184
Film Elongation at Break, MD	>= 630 %	>= 630 %	ISO 1184
Film Elongation at Break, TD	800 %	800 %	ISO 1184
Dart Drop Test	130 g	0.287 lb	ASTM D1709
Film Tensile Strength at Break, MD	>= 35.0 MPa	>= 5080 psi	ISO 1184
Film Tensile Strength at Break, TD	28.0 MPa	4060 psi	ISO 1184

Thermal Properties	Metric	English	Comments
Vicat Softening Point	>= 97.0 °C	>= 207 °F	ASTM D1525

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