

Iran Petrochemical (PCC) Arak 0640AA 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-0640AA-LLDPE-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.928 - 0.932 g/cc	0.0335 - 0.0337 lb/in³	ASTM D1505
Melt Flow	3.8 - 4.5 g/10 min @Load 2.16 kg, Temperature 190 °C	3.8 - 4.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	12.0 MPa	1740 psi	ASTM D882
Film Tensile Strength at Yield, TD	12.0 MPa	1740 psi	ASTM D882
Film Elongation at Break, MD	785 %	785 %	ASTM D882
Film Elongation at Break, TD	926 %	926 %	ASTM D882
Film Tensile Strength at Break, MD	33.0 MPa	4790 psi	ASTM D882
Film Tensile Strength at Break, TD	25.0 MPa	3630 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	2.0 %	2.0 %	ASTM D1003 A-61
Gloss	87 %	87 %	PU Meter, 45°C Head; ASTM D2456-70

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