

Iran Petrochemical (PCC) Tabriz 0410AA 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-0410AA-LLDPE-nbspdiscontinued-.php

| Physical Properties | Metric | English | Comments |
|---------------------|---|---|----------|
| Density | 0.924 - 0.928 g/cc | 0.0334 - 0.0335 lb/in ³ | B.P. 125 |
| Melt Flow | 0.90 - 1.1 g/10 min @Load 2.16 kg, Temperature 190 °C | 0.90 - 1.1 g/10 min @Load 4.76 lb, Temperature 374 °F | B.P. 112 |

| Mechanical Properties | Metric | English | Comments |
|------------------------------------|-------------|-------------|----------|
| Film Tensile Strength at Yield, MD | >= 12.0 MPa | >= 1740 psi | |
| Film Tensile Strength at Yield, TD | >= 13.0 MPa | >= 1890 psi | |
| Film Elongation at Break, MD | >= 650 % | >= 650 % | |
| Film Elongation at Break, TD | >= 850 % | >= 850 % | |
| Dart Drop Test | >= 80.0 g | >= 0.176 lb | |
| Film Tensile Strength at Break, MD | >= 42.0 MPa | >= 6090 psi | |
| Film Tensile Strength at Break, TD | >= 33.0 MPa | >= 4790 psi | |

| Thermal Properties | Metric | English | Comments |
|-----------------------|-----------|-----------|----------|
| Vicat Softening Point | >= 105 °C | >= 221 °F | At 1 kg |

| Descriptive Properties | Value | Comments |
|------------------------|-------|----------|
| Whiteness Index | >48 | |

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