

Iran Petrochemical (PCC) BL8 HM 7745 High Density Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Blow Molding Grade

Material Notes:

BL8 (HM 7745) is a high density polyethylene with Butene-1 as comonomer. Applications: for heating oil storage tanks, large containers for various chemicals. Information provided by Iran Petrochemical Commercial Co.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Iran-Petrochemical-PCC-BL8-HM-7745-High-Density-Polyethylene.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------------------------------------|--------------------------------------|----------|
| Density | 0.944 g/cc | 0.0341 lb/in ³ | ISO 1183 |
| Melt Flow | 0.31 g/10 min | 0.31 g/10 min | ISO 1133 |
| | @Load 5.00 kg, Temperature 190 °C | @Load 11.0 lb, Temperature 374 °F | |
| | 7.5 g/10 min | 7.5 g/10 min | ISO 1133 |
| | @Load 21.6 kg, Temperature 190 °C | @Load 47.6 lb, Temperature 374 °F | |

| Mechanical Properties | Metric | English | Comments |
|------------------------|------------------------|----------------------------|----------|
| Charpy Impact, Notched | 1.90 J/cm ² | 9.04 ft-lb/in ² | ISO 179 |

| Descriptive Properties | Value | Comments |
|------------------------|-------|----------|
| Swell Ratio, % | 135 | ±20 |

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