

Iran Petrochemical (PCC) Arak BL4 HDPE

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Injection Molded

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-BL4-HDPE.php

Physical Properties	Metric	English	Comments
Density	0.951 - 0.955 g/cc	0.0344 - 0.0345 lb/in ³	DIN 53479
Viscosity Measurement	350 - 410	350 - 410	cc/g
Melt Flow	0.23 - 0.33 g/10 min @Load 5.00 kg, Temperature 190 °C	0.23 - 0.33 g/10 min @Load 11.0 lb, Temperature 374 °F	DIN 53735
Collected Volatile Condensable Material	<= 0.30 %	<= 0.30 %	BP 138

Mechanical Properties	Metric	English	Comments
Impact	>= 12	>= 12	mJ/mm ² ; DIN 53453

Optical Properties	Metric	English	Comments
Yellow Index	<= 4.0 %	<= 4.0 %	DIN 6167

Descriptive Properties	Value	Comments
Contamination	<2 defects in 200 gr of pellets	40-003 HOECHST
Gels	<3	40-042 HOECHST
Melt Fracture	<2	
Swell Ratio	130-160%	

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