

Iran Petrochemical (PCC) BL7 HM 6255 High Density Polyethylene

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

Material Notes:

BL7 (HM 6255) is a high density polyethylene with Butene-1 as comonomer. It is a special grade for particularly high requirements like low temperature impact strength and stacking, good stress cracking resistance. Applications: for large containers e.g. L-ring drums with 220 liters capacity. Information provided by Iran Petrochemical Commercial Co.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Iran-Petrochemical-PCC-BL7-HM-6255-High-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.950 g/cc	0.0343 lb/in ³	ISO 1183
Melt Flow	0.10 g/10 min	0.10 g/10 min	ISO 1133
	@Load 5.00 kg, Temperature 190 °C	@Load 11.0 lb, Temperature 374 °F	
	2.2 g/10 min	2.2 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	4.50 J/cm ²	21.4 ft-lb/in ²	ISO 179

Descriptive Properties	Value	Comments
Swell Ratio, %	145	±20

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