

## Iran Petrochemical (PCC) I4 HD 7255 High Density Polyethylene

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

### Material Notes:

HD7255 is a HDPE grade with high impact strength and low warpage. Applications: thick walled, highly stressed transport containers, injection molding. Information provided by Iran Petrochemical Commercial Co.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Iran-Petrochemical-PCC-I4-HD-7255-High-Density-Polyethylene.php](http://www.lookpolymers.com/polymer_Iran-Petrochemical-PCC-I4-HD-7255-High-Density-Polyethylene.php)

Physical Properties	Metric	English	Comments
Density	0.954 g/cc	0.0345 lb/in <sup>3</sup>	ISO 1183
Melt Flow	3.5 g/10 min	3.5 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	
	11 g/10 min	11 g/10 min	ISO 1133
	@Load 5.00 kg, Temperature 190 °C	@Load 11.0 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Charpy Impact, Notched	0.400 J/cm <sup>2</sup>	1.90 ft-lb/in <sup>2</sup>	ISO 179

Processing Properties	Metric	English	Comments
Melt Temperature	200 - 280 °C	392 - 536 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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