

## Iran Petrochemical (PCC) BL5 HM 7746 High Density Polyethylene

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

### Material Notes:

BL5 (HM 7746) is a high density polyethylene with Butene-1 as comonomer. It is a high molar mass, very good impact strength and optimum stress cracking resistance. Applications: large containers above 5 L capacity e.g. petrol tanks, for manufacture of semi-finished products. Information provided by Iran Petrochemical Commercial Co.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Iran-Petrochemical-PCC-BL5-HM-7746-High-Density-Polyethylene.php](http://www.lookpolymers.com/polymer_Iran-Petrochemical-PCC-BL5-HM-7746-High-Density-Polyethylene.php)

Physical Properties	Metric	English	Comments
Density	0.943 g/cc	0.0341 lb/in <sup>3</sup>	ISO 1183
Melt Flow	0.20 g/10 min	0.20 g/10 min	ISO 1133
	@Load 5.00 kg, Temperature 190 °C	@Load 11.0 lb, Temperature 374 °F	
	4.0 g/10 min	4.0 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	2.50 J/cm <sup>2</sup>	11.9 ft-lb/in <sup>2</sup>	ISO 179

Descriptive Properties	Value	Comments
Swell Ratio, %	150	±20

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China