

## Total HDPE 5802 High Density Polyethylene - Blow Molding

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

### Material Notes:

HDPE 5802 is a high density polyethylene with excellent compromise between stiffness and Environmental Stress Crack Resistance. It has been specifically designed for the manufacture of blow molded packaging for household, industrial, cosmetics liquids with an optimized weight. HDPE 5802 is a pellet grade and contains antioxidants. Information provided by Total Petrochemicals.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Total-HDPE-5802-High-Density-Polyethylene-Blow-Molding.php](http://www.lookpolymers.com/polymer_Total-HDPE-5802-High-Density-Polyethylene-Blow-Molding.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.957 g/cc	0.957 g/cc	ISO 1183
Environmental Stress Crack Resistance	50 hour	50 hour	F50, Anatarox 100%; ASTM D 1693B
Melt Flow	0.30 g/10 min	0.30 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	
	22 g/10 min	22 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	1.80 J/cm <sup>2</sup>	8.57 ft-lb/in <sup>2</sup>	ISO 179-1

Processing Properties	Metric	English	Comments
Processing Temperature	180 - 220 °C	356 - 428 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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