

## Total HDPE 56020 S High Density Polyethylene - Blow Molding

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

### Material Notes:

HDPE 56020 S is a very high molecular weight (VHMW) high density polyethylene with a high resistance to impact, good chemical resistance and optimized balance between Environmental Stress Crack Resistance and rigidity. It has been specifically designed for the manufacture of blow molded UN-marked articles (tight head drums, open top drums and jerry-cans) dedicated for the transportation of dangerous goods. HDPE 56020 S is a powder grade and contains antioxidants. Information provided by Total Petrochemicals.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Total-HDPE-56020-S-High-Density-Polyethylene-Blow-Molding.php](http://www.lookpolymers.com/polymer_Total-HDPE-56020-S-High-Density-Polyethylene-Blow-Molding.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.952 g/cc	0.952 g/cc	ISO 1183
Environmental Stress Crack Resistance	>= 200 hour	>= 200 hour	F50, Anatarox 100%; ASTM D 1693B
Melt Flow	2.1 g/10 min @Load 21.6 kg, Temperature 190 °C	2.1 g/10 min @Load 47.6 lb, Temperature 374 °F	ISO 1133/G

Mechanical Properties	Metric	English	Comments
Charpy Impact, Notched	5.00 J/cm <sup>2</sup> @Temperature -30.0 °C	23.8 ft-lb/in <sup>2</sup> @Temperature -22.0 °F	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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