

## Chase Plastics CP Pryme® PE-200-HD8M General Purpose High Density Polyethylene

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

**Material Notes:**

Information provided by Chase Plastics.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chase-Plastics-CP-Pryme-PE-200-HD8M-General-Purpose-High-Density-Polyethylene.php](http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-PE-200-HD8M-General-Purpose-High-Density-Polyethylene.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.960 g/cc	0.960 g/cc	ASTM D792
Melt Index of Compound	8.0 g/10 min @Load 2.16 kg, Temperature 190 °C	8.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	30.3 MPa	4400 psi	ASTM D638
Elongation at Break	680 %	680 %	ASTM D638
Flexural Strength	48.3 MPa	7000 psi	ASTM D790
Flexural Modulus	1.38 GPa	200 ksi	ASTM D790
Izod Impact, Notched	0.427 J/cm	0.800 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	86.1 °C	187 °F	ASTM D648

### Contact Songhan Plastic Technology Co.,Ltd.

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