

## Ineos J60-1700-173 HDPE

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE

**Material Notes:**

J60-1700-173 is a high density polyethylene homopolymer. This resin is a product of Ineos' technology and is characterized by a narrow molecular weight distribution. Parts fabricated from this material exhibit excellent gloss and rigidity. This material meets the Food and Drug Administration requirements of 21CFR 177.1520.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ineos-J60-1700-173-HDPE.php](http://www.lookpolymers.com/polymer_ineos-J60-1700-173-HDPE.php)

Physical Properties	Metric	English	Comments
Density	0.961 g/cc	0.0347 lb/in <sup>3</sup>	ASTM D4883
Melt Flow	16 g/10 min @Load 2.16 kg, Temperature 190 °C	16 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	ASTM D2240
Tensile Strength, Yield	31.0 MPa	4500 psi	2 in/min (50 mm/min); ASTM D-638
Flexural Modulus	1.552 GPa	225.1 ksi	Tangent; ASTM D 790
Izod Impact, Notched	0.380 J/cm	0.712 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	81.0 °C	178 °F	ASTM D648
Vicat Softening Point	127 °C	261 °F	ASTM D1525
Brittleness Temperature	<= -75.0 °C	<= -103 °F	ASTM D746

Descriptive Properties	Value	Comments
Process	Injection Molding	
Region	US & Canada	Bamberger Polymers Distribution

## Contact Songhan Plastic Technology Co.,Ltd.

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