

## Entec Hypro™ PP-HP20NS Homopolymer, 20 Melt Flow, Nucleated, Anti-stat

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

### Material Notes:

This product is intended for general purpose injection molding applications such as cutlery, caps and closures, and thin-wall containers. Information provided by Entec

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Entec-Hypro-PP-HP20NS-Homopolymer-20-Melt-Flow-Nucleated-Anti-stat.php](http://www.lookpolymers.com/polymer_Entec-Hypro-PP-HP20NS-Homopolymer-20-Melt-Flow-Nucleated-Anti-stat.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ASTM D1505
Linear Mold Shrinkage	0.014 cm/cm	0.014 in/in	ASTM D955
Melt Flow	21 g/10 min @Load 2.16 kg, Temperature 230 °C	21 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	39.0 MPa	5660 psi	ASTM D638
Elongation at Yield	8.0 %	8.0 %	ASTM D638
Flexural Modulus, 1% Secant	1931 MPa	280100 psi	ASTM D790
Izod Impact, Notched	0.320 J/cm @Thickness 3.17 mm	0.599 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	131 °C	268 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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