

## Ineos H20A-00 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

A controlled rheology polypropylene homopolymer produced by Ineos utilizing unique catalyst technology. It is designed for injection molding applications requiring a moderate level of antistatic agent. 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-H20A-00-Polypropylene-Homopolymer.php](http://www.lookpolymers.com/polymer_ineos-H20A-00-Polypropylene-Homopolymer.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	20 g/10 min @Load 2.16 kg, Temperature 230 °C	20 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	25.5 MPa	3700 psi	2 in/min.; ASTM D638
Tensile Strength, Yield	30.3 MPa	4390 psi	2 in/min (50 mm/min); ASTM D-638
Elongation at Break	500 %	500 %	2 in/min (50 mm/min); ASTM D-638
Elongation at Yield	15 %	15 %	2 in/min.; ASTM D638
Flexural Modulus	1.103 GPa	160.0 ksi	Secant @ 1% strain; ASTM D790
Izod Impact, Notched	0.210 J/cm	0.393 ft-lb/in	ASTM D256
Impact Test	9.00 J	6.64 ft-lb	TUP Impact; 1" radius tip on 1/16" plaque

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

## Contact Songhan Plastic Technology Co.,Ltd.

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