

Ineos H11G-00 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Fiber Grade

Material Notes:

This is a barefoot homopolymer designed for fiber applications. Applications Staple Fiber Oriented Yarn Benefits Consistent processability Information provided by Ineos Olefins & Polymers USA

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-H11G-00-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	11 g/10 min @Load 2.16 kg, Temperature 230 Å°C	11 g/10 min @Load 4.76 lb, Temperature 446 Å°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	37.8 MPa @Temperature 23.0 Å°C	5480 psi @Temperature 73.4 Å°F	Molded and tested under D410, 50 mm/min; ASTM D638
Elongation at Yield	8.0 %	8.0 %	ASTM D638
Flexural Modulus	1.68 GPa @Temperature 23.0 Å°C	243 ksi @Temperature 73.4 Å°F	ASTM D790A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	93.3 Å°C	200 Å°F	ASTM D648

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