



Prime Engineering and Commodity Thermoplastic Resins

HP 3500 Homopolymer Polypropylene

Description: HP 3500 is a low viscosity, polypropylene homopolymer designed for extrusion coating and non-woven applications

Applications: Fiber / Compounding

Features: Good processability
FDA 21 CFR 177.1520

Physical Properties	Typical Values	Test Method(s)
Melt Flow Rate – g/10 min (230°C/2.16kg)	35.0	D-1238
Density – Specific Gravity	0.900	D-1505
Tensile Strength @ Yield - psi	5,000	D-638
Elongation at Yield - %	9	D-638
Flexural Modulus – psi	200,000	D-790
Izod Impact Strength - 23°C	0.4	D-256A
Rockwell Hardness – R	100	D-785

Distributed Exclusively by: Plastic Solutions, Inc.
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The nominal properties reported herein are laboratory tested and are typical data for these materials. Plastic Solutions, Inc. does not guarantee suitability of these materials for specific applications. Each user of material should make their own tests to determine suitability of a material in a design or application.

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