



H03G-04 Polypropylene Homopolymer

Grade H03G-04 is a polypropylene homopolymer for biaxially oriented polypropylene (BOPP) film and blow molding applications. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520.

Applications

- BOPP
- Blow molding

Benefits

- Excellent film properties
- Ease of processing

Typical Properties¹

Resin	Values	ASTM Method
Melt Flow Rate, 2.16 kg at 230°C, g/10 min	3.5	D1238
Injection Molded Sample		
Tensile Strength at Yield, at 23°C, psi (MPa)	4,860 (33.3)	D638
Elongation at Yield, %	12.9	D638
Flexural Modulus ² , at 23°C, kpsi (MPa)	180 (1,246)	D790A
Heat Deflection Temperature at 66 psi, (455 kPa), °F (°C)	187 (86)	D648
Izod Impact Strength, 1/8" (3 mm) notched bar at 23°C, ft-lb/in (J/m)	1.0 (5.1)	D256

¹ Typical properties will vary within specification limits.

² 1% secant modulus, 0.05 inch/min test speed.

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Regulatory Information

The product and uses described herein may require global product registrations and notifications for chemical inventory listings, or for use in food contact or medical devices. For further information, please refer to the Regulatory Position Statement (RPS) online at www.ineos-op.com, or call + 1-800-527-5419.

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