

# H03G-00 Polypropylene Homopolymer

Grade H03G-00 is a general purpose polypropylene homopolymer for extrusion applications. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520.

## Applications

- Carpet backing
- Fiber bags
- Fiber and tape
- Rope and cordage
- Twine

## Typical Properties<sup>1</sup>

| Resin   | Value       | Method |
|---|-------------|--------|
| Melt Flow Rate, 2.16 kg at 230°C, g/10 min                | 3.2         | D1238  |
| <b>Injection Molded Sample</b>                            |             |        |
| Tensile at 23°C   |             | D638   |
| Strength at Yield, psi (MPa)                              | 5,300 (36)  |        |
| Elongation at Yield, %                                    | 10          |        |
| Elongation at Break, %                                    | >200        |        |
| Flexural Modulus, at 23°C, kpsi (MPa)                     | 185 (1,280) | D790A  |
| Heat Deflection Temperature at 66 psi, (455 kPa), °F (°C) | 200 (93)    | D648   |

<sup>1</sup>Typical properties will vary within specification limits.

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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](http://www.ineos-op.com), or call + 1-800-527-5419.

## Health and Safety Information

The product described herein may require precautions in handling and use because of toxicity, flammability, or other consideration. The Material Safety Data Sheet (MSDS) contains the available product health and safety information for this material and can be found at [www.ineos-op.com](http://www.ineos-op.com). Before using any material, a customer is advised to consult the MSDS for the product under consideration for use.

The Material Safety Data Sheet for this product contains shipping descriptions and should be consulted, before transportation, as a reference in determining the proper shipping description. If the material shipped by INEOS O&P is altered or modified, different shipping descriptions may apply and the MSDS of the original material should not be used.

For additional information, samples, pricing and availability, please contact:

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