

rPP-H03-301G

EXPERIMENTAL POLYPROPYLENE HOMOPOLYMER WITH 30% PCR

TECHNICAL DATASHEET

Product Description

rPP-H03-301G is a gray polypropylene homopolymer with 30% polyolefin-blend post-consumer recyclate (PCR) under development designed for thermoformed parts and compounded polymers.

Typical Properties¹

Property	English Units	SI Units	ASTM Method
Resin Properties			
Density		0.92 g/cc	D792
Melt Flow Rate (230°C/2.16 kg)		3.0 g/10 min	D1238
Injection Molded Specimen Test			
Tensile Strength @ Yield	4,800 psi	33 MPa	D638
Elongation @ Yield	9 %	9 %	D638
Flexural Modulus, 1% Secant Method	200,000 psi	1,380 MPa	D790A
Notched Izod Impact @ 23°C	0.9 ft-lb _i /in	48 J/m	D256
Deflection Temperature @ 66 psi (455 kPa)	223 °F	106 °C	D648

¹Typical property values will vary and are not to be used as 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, 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 Safety Data Sheet (SDS) contains the available product health and safety information for this material and can be found at www.ineos-op.com. Before using any material, a customer is advised to consult the SDS for the product under consideration for use.

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