

R12C-01 Polypropylene Random Copolymer

Grade R12C-01 is a high clarity, medium flow rate antistatic polypropylene copolymer for injection molding and stretch blow molding applications. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520.

Applications

- Consumer products
- Housewares
- Medical
- Rigid packaging

Benefits

- Ultra high clarity
- Excellent processability
- Good impact resistance at room and refrigerator temperatures
- Low taste and odor
- Excellent static control
- Microwavable

Typical Properties¹

Resin	Value	Method
Melt Flow Rate, 2.16 kg at 230°C, g/10 min	12	D1238
Injection Molded Sample		
Tensile Strength at Yield, at 23°C, psi (MPa)	4,600 (32)	D638
Flexural Modulus, at 23°C, kpsi (MPa)	200 (1,380)	D790B
Heat Deflection Temperature at 66 psi, (455 kPa), °F (°C)	195 (90)	D648
Izod Impact Strength, 1/8" (3 mm) notched bar at 23°C, ft-lb/in (J/m)	1.9 (100)	D256
Haze, at 23°C, 50-mil (1.3mm) plaque, % Diffuse Transmittance	11	D1003
Rockwell Hardness, R scale	82	D785

¹Typical 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, or call + 1-800-527-5419.

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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. 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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