

# 3950 Polypropylene Impact Copolymer

Grade 3950 typically has a 35 melt flow rate and is a low gloss, high impact polypropylene copolymer. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520.

## Applications

- Automotive interior trim

## Benefits

- Low gloss
- High impact resistance

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

Resin	Value	Method
Melt Flow Rate, 2.16 kg at 230°C, g/10 min	34.0	D1238
<b>Injection Molded Sample</b>		
Tensile at 23°C		D638
Strength at Yield, psi (MPa)	3,500 (24)	
Elongation at Break, %	>50	
Flexural Modulus, at 23°C, kpsi (MPa)	190 (1,310)	D790B
Heat Deflection Temperature at 66 psi, (455 kPa), °F (°C)	220 (104)	D648
Izod Impact Strength, 1/8" (3 mm) notched bar		D256
at 23°C, ft-lb/in (J/m)	2.5 (135)	
at -20°C, ft-lb/in (J/m)	0.9 (50)	
Rockwell Hardness, R scale	79	D785
Flammability, mm/min	27.5	FMVSS 302
Shrinkage, at 23C, in/in	0.016	D955

<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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