

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 Properties¹

Resin	Value	Method
Melt Flow Rate, 2.16 kg at 230°C, g/10 min	34.0	ISO 1183
Injection Molded Sample		
Tensile at 23°C		ISO 527-2
Strength at Yield, MPa	24	
Elongation at Yield, %	5.4	
Elongation at Break, %	>50	
Flexural Modulus, at 23°C, MPa	1120	ISO 178
Heat Deflection Temperature at 455 kPa, °C	104	ISO 75
Izod Impact Strength, 1/8"(3 mm) notched bar		ISO 180
at 23°C, kJ/m ²	13.4	
at -20°C, kJ/m ²	5	
Rockwell Hardness, R scale	75	ISO 2039-2
SAE Flammability, mm/min	27.5	FMVSS 302
Mold Shrinkage, in/in		ISO 2577
after 24 hrs. 23C	0.016	
after 48 hrs. 23C	0.016	

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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