

# L12Z-00 Polypropylene Impact Copolymer

Grade L12Z-00 is a medium melt flow rate, high stiffness and 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

- Consumer products
- Housewares
- Office furniture
- Toys and juvenile products

## Benefits

- High stiffness
- High impact
- Fast cycle time
- Low statics

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

Resin	Value	Method
Melt Flow Rate, 2.16 kg at 230°C, g/10 min	12	D1238
<b>Injection Molded Sample</b>		
Tensile at 23°C		D638
Strength at Yield, psi (MPa)	4,100 (28)	
Elongation at Break, %	>200	
Flexural Modulus, at 23°C, kpsi (MPa)	210 (1,450)	D790B
Heat Deflection Temperature at 66 psi, (455 kPa), °F (°C)	225 (107)	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)	0.6 (30)	
Rockwell Hardness, R scale	88	D785

<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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