

L06Z-00 Polypropylene Impact Copolymer

Grade L06Z-00 is a medium MFR impact copolymer polypropylene made for injection molded caps and closures applications. It offers a good balance of stiffness to impact resistance as compared to other impact copolymers of similar melt flow rate and comonomer content. It is formulated with nucleating agent, antistat and slip additives for fast mold setting and easy mold removal. This product meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520.

Applications

- Caps and closures
- Other Consumer product applications

Benefits

- Good drop impact resistance
- Good stiffness to impact balance
- Fast crystallization rates for molding cycle reduction
- Good mold release

Typical Properties¹

Resin	Value	Method
Melt Flow Rate, 2.16 kg at 230°C, g/10 min	6.0	D1238
Injection Molded Sample		
Flexural Modulus at 23°C, 1% secant, kPsi (MPa)	207 (1425) 240 (1655)	D790A D790B
Heat Deflection Temperature at 66 psi, (455 kPa), °F (°C)	226 (108)	D648
Tensile Properties		D638
Strength at yield, psi (MPa)	4400 (30.4)	
Elongation at yield, %	6.3	
Rockwell Hardness, R scale	93	D785
Izod Notched Impact Strength, ft.lb/in (J/m)		D256
23°C	3.0 (180)	
0°C	1.6 (85)	
Instrumented Impact (Dynatup)		D3763
23°C	Ductile break	
0°C	Ductile break	

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 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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