

Ineos L06Z-00 Polypropylene Impact Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer , Polypropylene, Impact Modified; Molded/Extruded

Material Notes:

This 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 material 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 Information provided by Ineos Olefins & Polymers USA

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-L06Z-00-Polypropylene-Impact-Copolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	6.0 g/10 min @Load 2.16 kg, Temperature 230 Å°C	6.0 g/10 min @Load 4.76 lb, Temperature 446 Å°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	93	93	ASTM D785
Tensile Strength, Yield	30.3 MPa @Temperature 23.0 Å°C	4400 psi @Temperature 73.4 Å°F	ASTM D638
Elongation at Yield	6.3 %	6.3 %	ASTM D638
Flexural Modulus, 1% Secant	1430 MPa @Temperature 23.0 Å°C	207000 psi @Temperature 73.4 Å°F	ASTM D790A
	1650 MPa @Temperature 23.0 Å°C	240000 psi @Temperature 73.4 Å°F	D790B
Izod Impact, Notched	0.854 J/cm @Temperature 0.000 Å°C	1.60 ft-lb/in @Temperature 32.0 Å°F	ASTM D256
	1.60 J/cm @Temperature 23.0 Å°C	3.00 ft-lb/in @Temperature 73.4 Å°F	ASTM D256

Thermal Properties	Metric	English	Comments
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Deflection Temperature at 0.46 MPa Thermal Properties (0.01 in)	108 Å°C Metric	226 Å°F English	ASTM D249
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Descriptive Properties	Value	Comments
Instrumented Impact (Dynatup)	Ductile break	23Å°C, D3763
	Ductile break	0Å°C, D3763

Contact Songhan Plastic Technology Co.,Ltd.

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