

## Ineos L40N-00 Polypropylene Impact Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

### Material Notes:

L40N-00 is a nucleated high flow polypropylene, medium impact copolymer for injection molding applications. This resin exhibits an excellent balance of resin flow and mechanical properties. This resin is suitable for injection molding a wide variety of durable products where fast molding cycles and part durability is desired. Applications: Injection Molding Consumer products Storage sheds Benefits: Good stiffness and impact balance Improved Processability Information provided by Ineos Olefins & Polymers USA

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ineos-L40N-00-Polypropylene-Impact-Copolymer.php](http://www.lookpolymers.com/polymer_ineos-L40N-00-Polypropylene-Impact-Copolymer.php)

Physical Properties	Metric	English	Comments
Melt Flow	40 g/10 min @Load 2.16 kg, Temperature 230 Å°C	40 g/10 min @Load 4.76 lb, Temperature 446 Å°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	20.4 MPa	2960 psi	ASTM D638
Elongation at Yield	4.3 %	4.3 %	ASTM D638
Flexural Modulus	1.05 GPa	153 ksi	ASTM D790A
Izod Impact, Notched	1.33 J/cm	2.50 ft-lb/in	1/8" (3mm) notched bar; ASTM D256

Descriptive Properties	Value	Comments
Process	Injection Molding	

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