

LyondellBasell Pro-fax SG802N Polypropylene Impact Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Key Features: high flow, high impact polypropylene copolymer resin, excellent cold impact resistance, good stiffness and impact balance, UV stabilizer compatibility
Applications: automotive interior trim, seating
All ingredients meet TSCA (US) and DSL (Canada) registration requirements.
Description: Pro-fax SG802N high flow, high impact polypropylene copolymer resin is designed for injection molding applications. This resin is available in pellet form. All ingredients meet the chemical registration requirements of TSCA and DSL.
Information provided by Montell Polyolefins. LyondellBasell is the successor company to Montell.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LyondellBasell-Pro-fax-SG802N-Polypropylene-Impact-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D792B
Melt Flow	35 g/10 min @Load 2.16 kg, Temperature 230 °C	35 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	21.0 MPa	3050 psi	ASTM D638
Elongation at Yield	5.0 %	5.0 %	ASTM D638
Flexural Modulus	1.10 GPa	160 ksi	1% secant at 0.05 in/min; ASTM D790A
Izod Impact, Notched	2.00 J/cm	3.75 ft-lb/in	ASTM D256A
Impact Test	47.0 J @Temperature 5.00 °C	34.7 ft-lb @Temperature 41.0 °F	Montell drop weight impact strength

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	101 °C	214 °F	ASTM D648

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