

LyondellBasell Pro-fax SB891 Polypropylene Impact Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Key Features: high flow, compatible with hindered amine light stabilizers, good cold impact resistance, good stiffness and impact balance, high flow for ease of mold filling and minimum warpage
Applications: automotive interior trim, consumer goods
All ingredients meet TSCA (US) and DSL (Canada) registration requirements.
Description: Pro-fax SB891 high melt flow, medium impact polypropylene copolymer resin is designed for compatibility with hindered amine light stabilizers. Its high melt flow makes it easy to mold and it is particularly well suited for the molding of large or complex parts. It has excellent balance of impact resistance and stiffness. It has a UL yellow card RTI, which applies to all colors. 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-SB891-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	27.0 MPa	3920 psi	ASTM D638
Elongation at Yield	6.0 %	6.0 %	ASTM D638
Flexural Modulus	1.40 GPa	203 ksi	1% secant at 0.05 in/min; ASTM D790A
Izod Impact, Notched	0.700 J/cm	1.31 ft-lb/in	ASTM D256A
Impact Test	23.0 J @Temperature -29.0 °C	17.0 ft-lb @Temperature -20.2 °F	Montell drop weight impact strength

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	100 °C	212 °F	ASTM D648
UL RTI, Mechanical with Impact	65.0 °C	149 °F	Minimum thickness of 0.039 inches.
Flammability, UL94	HB	HB	Minimum thickness of 0.039 inches.

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China