

LyondellBasell Pro-fax SV152 Polypropylene Impact Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:**Key Features:** fast crystallization shortens cycle times, excellent cold impact resistance, good stiffness and impact balance, FDA**acceptableApplications:** automotive blow molded partsMeets FDA requirements in 21 CFR 177.1520 for all food contact, excluding cooking applications.**Description:** Pro-fax SV152 nucleated, super-high impact polypropylene copolymer resin is designed for general extrusion or

blow molding equipment. This resin is available in pellet form. This resin meets FDA requirements in the Code of Federal Regulations in 21

CFR 177.1520 for all food contact, including cooking applications. 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-SV152-Polypropylene-Impact-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D792B
Melt Flow	1.4 g/10 min @Load 2.16 kg, Temperature 230 °C	1.4 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	24.0 MPa	3480 psi	ASTM D638
Elongation at Yield	8.0 %	8.0 %	ASTM D638
Flexural Modulus	1.10 GPa	160 ksi	1% secant at 0.05 in/min; ASTM D790A
Izod Impact, Notched	1.10 J/cm	2.06 ft-lb/in	ASTM D256A
Impact Test	55.0 J @Temperature 5.00 °C	40.6 ft-lb @Temperature 41.0 °F	Montell drop weight impact strength

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	99.0 °C	210 °F	ASTM D648

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