

## LyondellBasell Pro-fax SV258 Polypropylene Impact Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

**Key Features:** good impact and stiffness balance, good cold impact resistance, excellent dimensional stability, FDA acceptable  
**Applications:** corrugated board extrusion, appliances  
**Meets FDA requirements in 21 CFR 177.1520 for all food contact, including cooking applications.**  
**Description:** Pro-fax SV258 medium impact polypropylene copolymer resin is suited for extrusion applications. 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-SV258-Polypropylene-Impact-Copolymer.php](http://www.lookpolymers.com/polymer_LyondellBasell-Pro-fax-SV258-Polypropylene-Impact-Copolymer.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ASTM D792B
Melt Flow	1.2 g/10 min @Load 2.16 kg, Temperature 230 °C	1.2 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	28.0 MPa	4060 psi	ASTM D638
Elongation at Yield	10 %	10 %	ASTM D638
Flexural Modulus	1.20 GPa	174 ksi	1% secant at 0.05 in/min; ASTM D790A
Izod Impact, Notched	1.60 J/cm	3.00 ft-lb/in	ASTM D256A
Impact Test	31.0 J @Temperature 5.00 °C	22.9 ft-lb @Temperature 41.0 °F	Montell drop weight impact strength

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	90.0 °C	194 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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