

## LyondellBasell Pro-fax 6331 Polypropylene Homopolymer, Easy Molding

Category : Polymer , Thermoplastic , Polypropylene (PP)

### Material Notes:

**Primary Processing Method:** General Purpose  
**Key Features:** easy molding, FDA acceptable, general purpose polypropylene homopolymer resin, low odor transfer  
**Applications:** containers, closures, hospital and institutional ware, toys  
**Meets FDA requirements in 21 CFR 177.1520 for all food contact, including cooking applications.**  
**Description:** Pro-fax 6331 general purpose polypropylene homopolymer resin is available in pellet form. This resin meets FDA requirements in the Code of Federal Regulation n 21 CFR 177.1520 for all food contact, including cooking applications. It has a UL yellow card RTI. These apply 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-6331-Polypropylene-Homopolymer-Easy-Molding.php](http://www.lookpolymers.com/polymer_LyondellBasell-Pro-fax-6331-Polypropylene-Homopolymer-Easy-Molding.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ASTM D792B
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 230 °C	12 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	90	90	ASTM D785A
Tensile Strength, Yield	35.0 MPa	5080 psi	ASTM D638
Elongation at Yield	10 %	10 %	ASTM D638
Flexural Modulus	1.50 GPa	218 ksi	1% secant at 0.05 in/min; ASTM D790A
Izod Impact, Notched	0.350 J/cm	0.656 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	97.0 °C	207 °F	ASTM D648
UL RTI, Mechanical with Impact	65.0 °C	149 °F	Minimum thickness 0.038 inches.
Flammability, UL94	HB	HB	Minimum thickness 0.038 inches.

## Contact Songhan Plastic Technology Co.,Ltd.

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