

## LyondellBasell Pro-fax 7624 Polypropylene Impact Copolymer, Heat- and Extraction-Resistant

Category : Polymer , Thermoplastic , Polypropylene (PP)

### Material Notes:

**Primary Processing Method:** Injection Molding  
**Key Features:** resistant to aging at high temperatures in both wet and dry environments, good cold impact resistance, excellent dimensional stability, FDA acceptable, Applications: appliances, automotive under-the-hood appliances  
**Meets FDA requirements in 21 CFR 177.1520 for all food contact, including cooking applications.**  
**Description:** Pro-fax 7624 medium impact polypropylene copolymer resin is highly resistant to aging at elevated temperatures in both wet and dry environments. It has an excellent balance of properties and is used for injection molding applications. It has a UL yellow card RTI, which applies to all colors. This resin meets FDA requirements in the Code of Federal Regulations in 21 CFR 177.520 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-7624-Polypropylene-Impact-Copolymer-Heat-and-Extraction-Resistant.php](http://www.lookpolymers.com/polymer_LyondellBasell-Pro-fax-7624-Polypropylene-Impact-Copolymer-Heat-and-Extraction-Resistant.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ASTM D792B
Melt Flow	2.0 g/10 min @Load 2.16 kg, Temperature 230 °C	2.0 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	9.0 %	9.0 %	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	28.0 J @Temperature -29.0 °C	20.7 ft-lb @Temperature -20.2 °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
UL RTI, Mechanical with Impact	105 °C	221 °F	Minimum thickness 0.058 inches.
Flammability, UL94	HB	HB	Minimum thickness 0.058 inches.

## **Contact Songhan Plastic Technology Co.,Ltd.**

**Website : [www.lookpolymers.com](http://www.lookpolymers.com)**

**Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)**

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

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