

LyondellBasell Pro-fax 6329 Polypropylene Homopolymer, Improved Chemical Resistance

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Key Features: improved chemical resistance polypropylene homopolymer resin, FDA acceptable, easier processing
Applications: closures, housewares, chairs
Meets FDA requirements in 21 CFR 177.1520 for all food contact, including cooking applications.
Description: Pro-fax 6329 polypropylene homopolymer resin is designed for applications that require easier processing and improved chemical resistance properties. This resin is available in pelletized form. It meets FDA requirements in the Code of Federal Regulations in 21 FR 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-6329-Polypropylene-Homopolymer-Improved-Chemical-Resistance.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D792B
Melt Flow	14 g/10 min @Load 2.16 kg, Temperature 230 °C	14 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	30.0 MPa	4350 psi	ASTM D638
Elongation at Yield	12 %	12 %	ASTM D638
Flexural Modulus	1.20 GPa	174 ksi	1% secant at 0.05 in/min; ASTM D790A
Izod Impact, Notched	0.300 J/cm	0.562 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	91.0 °C	196 °F	ASTM D648

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