

LyondellBasell Pro-faxâ„ç SC204 Polypropylene Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

Material Notes:

Description: Pro-faxâ„ç SC204 polypropylene copolymer resin is designed for thermoforming and sheet extrusion applications. It is nucleated and features antistatic properties. Pro-faxâ„ç SC204 resin meets FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for all food contact, including cooking applications. All ingredients in Pro-faxâ„ç SC204 resin meet the chemical registration requirements of TSCA (U.S.) and DSL (Canada). Uses: Sheet, containers, thermoformed containers Information provided by Basell.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LyondellBasell-Pro-fax-SC204-Polypropylene-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in ³	ASTM D792
Melt Flow	4.0 g/10 min @Load 2.16 kg, Temperature 230 Â°C	4.0 g/10 min @Load 4.76 lb, Temperature 446 Â°F	Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	32.4 MPa	4700 psi	ASTM D 638
Elongation at Yield	7.0 %	7.0 %	ASTM D 638
Flexural Modulus	1.59 GPa	230 ksi	1% Secant, 0.05 in/min; ASTM D790
Izod Impact, Notched	1.07 J/cm	2.00 ft-lb/in	73Â°F; ASTM D256
Impact	14	14	ft-lbs, Drop Weight Impact Strength, 4Â°C; Basell Test Method

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	118 Â°C	244 Â°F	Unannealed; ASTM D648

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