

## LyondellBasell Pro-faxâ„¸ SR257M Polypropylene Copolymer

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

### Material Notes:

Description: Pro-faxâ„¸ SR257M clarified polypropylene random copolymer resin has excellent see-through and contact clarity. This resin offers source reduction potential in blow molding and extrusion applications. Pro-faxâ„¸ SR257M resin meets FDA requirements in the Code of Federal Regulations, 21 CFR 177.1520 for food contact, including cooking applications. All ingredients meet the chemical registration requirements of TSCA (U.S.) and DSL (Canada). Uses: Sheet, containers, thermoformed containers, blown containers, lids  
Information provided by Basell.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_LyondellBasell-Pro-fax-SR257M-Polypropylene-Copolymer.php](http://www.lookpolymers.com/polymer_LyondellBasell-Pro-fax-SR257M-Polypropylene-Copolymer.php)

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in <sup>3</sup>	ASTM D792
Melt Flow	2.0 g/10 min @Load 2.16 kg, Temperature 230 Â°C	2.0 g/10 min @Load 4.76 lb, Temperature 446 Â°F	Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	29.6 MPa	4300 psi	ASTM D 638
Elongation at Yield	13 %	13 %	ASTM D 638
Flexural Modulus	1.03 GPa	150 ksi	1% Secant, 0.05 in/min; ASTM D790
Izod Impact, Notched	3.26 J/cm	6.10 ft-lb/in	73Â°F; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	77.2 Â°C	171 Â°F	Unannealed; ASTM D648

## 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