

Pro-fax 7523

Polypropylene Impact Copolymer
LyondellBasell Industries

Message:

Pro-fax 7523 medium impact polypropylene copolymer resin is designed for injection molding applications. Features include good impact resistance at low temperatures, excellent dimensional stability and a good stiffness/impact balance.

Pro-fax 7523 resin has a "UL" yellow card flame rating of UL94HB; these apply to all colors at a minimum thickness of 0.039 inches (1 mm).

The base resin in this product meets the requirements of the U.S. Food and Drug Administration (FDA) contained in the Code of Federal Regulations in 21 CFR 177.1520

General Information			
UL YellowCard	E150109-223707		
Features	Good dimensional stability		
	Rigid, good		
	Impact copolymer		
	Impact resistance, good		
	Good heat aging resistance		
	Low temperature impact resistance		
	Compliance of Food Exposure		
Uses	Electrical appliances		
	Household goods		
	Toys		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.0	MPa	ASTM D638
Tensile Elongation (Yield)	8.0	%	ASTM D638
Flexural Modulus	1130	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	87	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	92.8	°C	ASTM D648
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm, All Colors)	HB	UL 94	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

