

Pro-fax SB912

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

Profax SB912 is an impact copolymer suitable for the production of beverage closures; is designed for compression and injection molding applications.

Profax SB912 is nucleated and additivated with slip and antistatic agents and shows good stiffness and impact strength.

The base resin in this product meets the requirements of the FDA contained in the Code of Federal Regulations in 21 CFR 177.1520.

General Information			
UL YellowCard	E150109-223711		
Additive	Antistatic property		
Features	Rigid, good		
	Copolymer		
	Antistatic property		
	Impact resistance, good		
Uses	Compliance of Food Exposure		
	Shield		
	Shell		
	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)	6.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	30.0	MPa	ASTM D638
Tensile Elongation (Yield)	7.9	%	ASTM D638
Flexural Modulus	1400	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	69	J/m	ASTM D256A

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