Technical Data Sheet

Pro-fax SV956

Polypropylene, Impact Copolymer

Product Description

Pro-fax SV956 fully formulated polypropylene copolymer is available in pellet form. This resin is typically used in injection molding applications and offers an improved stiffness/impact balance over homopolymer resins used for caps and closures.

Regulatory Status

For regulatory compliance information, see *Pro-fax* SV956 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	North America
Application	Caps & Closures; Containers
Market	Rigid Packaging
Processing Method	Injection Molding
Attribute	Contains Antistat; High Slip; High Stiffness; Nucleated

Typical Properties	Nominal Value	English Units	Nominal Value	SI Units	Test Method
Physical					
Melt Flow Rate, (230 °C/2.16 kg)	35	g/10 min	35	g/10 min	ASTM D1238
Density, (23 °C)	0.90	g/cm³	0.90	g/cm³	ASTM D792
Mechanical					
Flexural Modulus					
(0.05 in/min, 1% Secant, Procedure A)	230000	psi			ASTM D790
(1.3 mm/min, 1% Secant, Procedure A)			1590	MPa	ASTM D790
Tensile Strength at Yield					
(2 in/min)	4600	psi			ASTM D638
(50 mm/min)			32	MPa	ASTM D638
Tensile Elongation at Yield	6	%	6	%	ASTM D638
Impact					
Notched Izod Impact Strength					
(73 °F, Method A)	0.8	ft-lb/in			ASTM D256
(23 °C, Method A)			43	J/m	ASTM D256
Thermal					
Deflection Temperature Under Load					
(66 psi, Unannealed)	240	°F			ASTM D648
(0.45 MPa, Unannealed)			116	°C	ASTM D648

Notes

These are typical property values not to be construed as specification limits.