Pro-fax SV956

Basell Polyolefins - *Polypropylene Copolymer*

General Information

Product Description

"Pro-fax" SV956 fully formulated (antistatic, nucleated, and slip modified), high melt flow polypropylene copolymer resin is designed for fast rate injection molding of caps and closures. This resin has a better balance of impact strength and stiffness than the homopolymer resins typically used in the closure industry.
"Pro-fax" SV956 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-fax" SV956 resin meet the chemical registration requirements of TSCA (U.S.) and DSL (Canada).

General	
Ashland Product Code	• 5945612 000 01B • 5945612 200 01A • 5945612 790 01A
Material Status	• Commercial: Active
Availability	• Africa • Asia • Australia • Latin America • Middle East • North America • Pacific Rim
Test Standards Available	• ASTM
Features	• Antistatic • Cycle (Production), Fast • Dimensional Stability, Good • Flow, High • Gloss, High • Impact Resistance, Good • Odor Transfer, Low • Stiffness, Good • Taste Transfer, Low • Warpage, Low
Uses	• Caps, Closure • Closures • Containers, Thin-Walled • Household Goods
Agency Ratings	• FDA 21 CFR 177.1520 [1]
Forms	• Pellets

Properties [2]

Physical	Nominal Value	Unit	Test Method
Density -Specific Gravity (Method B)	0.902	sp gr 23/23°C	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength @ Yield	4500	psi	ASTM D638
Tensile Elongation @ Yld	7	%	ASTM D638
Flexural Modulus (Procedure A) [3]	1% Secant: 210000	psi	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (73 °F, Injection Molded) [4]	0.6	ft-lb/in	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
DTUL @66psi - Unannealed	252	°F	ASTM D648
Additional Properties			
Drop Weight Impact Strength, Basell Test Method, 5°C: 12 ft-lbs			

Notes

1 When used unmodified for the manufacture of food contact articles, Pro-fax SV956 will comply with Food Additive Regulations FDA 21 CFR 177.1520 under the U.S. Food, Drug and Cosmetic Act. Such uses are subject to good manufacturing practices and any other limitations which are part of the statute or regulations. These should be consulted for complete details.

2 Typical properties. Not to be construed as specifications.

3 0.05 in/min

4 Method A