

EL-Pro™ P600F

Polypropylene Homopolymer
SCG Chemicals Co., Ltd.

Message:
EL-PRO P600F is a Homopolymer polypropylene resin with slip and antiblock agent.

General Information			
Additive	Antiblock (2700 ppm)		
	Slip (3000 ppm)		
Features	Antiblocking		
	Fast Molding Cycle		
	Food Contact Acceptable		
	Homopolymer		
	Opticals		
	Slip		
Uses	Food Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	1670	MPa	ASTM D790
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
2% Secant, MD : 25 µm	686	MPa	
2% Secant, TD : 25 µm	539	MPa	
Tensile Strength			ASTM D882
MD : Yield,25 µm	28.4	MPa	
TD : Yield,25 µm	19.6	MPa	
MD : Break, 25 µm	27.5	MPa	
TD : Break, 25 µm	25.5	MPa	
Tensile Elongation			ASTM D882
MD : Break, 25 µm	850	%	
TD : Break, 25 µm	770	%	
Impact	Nominal Value	Unit	Test Method

Notched Izod Impact (23°C)	25	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	110	°C	ASTM D648
Brittleness Temperature	< -10.0	°C	ASTM D746
Vicat Softening Temperature	155	°C	ASTM D1525
Melting Temperature	160	°C	ASTM D2117
Optical	Nominal Value	Unit	Test Method
Gloss	55		ASTM D2457
Haze	9.0	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	190 to 210	°C	

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

