

I. Stern GPPS-004 General Purpose Crystal Polystyrene

Category : Polymer , Thermoplastic , Polystyrene (PS) , Polystyrene, Transparent Grade

Material Notes:

Features:High Strength GradeMedium Flow, High ToughnessExcellent ProcessabilityApplicationsInjection MoldingAgency RatingsFDA

Title 21 CFR 177.1640UL File E185934Information provided by I. Stern & Co. Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_I-Stern-GPPS-004-General-Purpose-Crystal-Polystyrene.php

Physical Properties	Metric	English	Comments
Melt Flow	4.5 g/10 min	4.5 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	47.1 MPa	6830 psi	ASTM D638
Elongation at Yield	2.0 %	2.0 %	ASTM D638
Flexural Strength	78.6 MPa	11400 psi	ASTM D790
Flexural Modulus	2.84 GPa	412 ksi	ASTM D790
Izod Impact, Notched	0.200 J/cm	0.375 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	78.9 Â°C	174 Â°F	ASTM D648
Vicat Softening Point	97.2 Â°C	207 Â°F	ASTM D1525

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China