

API II 370

General Purpose Polystyrene

API II, Inc.

Message:

Product Description:

API II 370 is a high heat polystyrene produced in pellet form. It has Excellent strength and clarity as well as fast set-up properties.

Application:

Used in the manufacture of containers, housewares, and medical applications. Processing methods include blow molding, Extrusion and injection molding. Complies with FDA regulation 21 CFR 77.1640.

General Information	
Features	High strength Heat resistance, high Definition, high
Uses	Household goods Container Medical/nursing supplies
Agency Ratings	FDA 21 CFR 177.1640
Forms	Particle
Processing Method	Blow molding Extrusion Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D892
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	3.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (L-Scale)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2930	MPa	ASTM D638
Tensile Strength (Break)	50.7	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	19	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	93.3	°C	ASTM D648
Vicat Softening Temperature	104	°C	ASTM D1525

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

