

MARPOL® PSC 6020

General Purpose Polystyrene

Marco Polo International, Inc.

Message:

MARPOL® PSC 6020 is a General Purpose Polystyrene product. It can be processed by extrusion, injection molding, or sheet extrusion and is available in Asia Pacific, Europe, Latin America, or North America. Applications of MARPOL® PSC 6020 include food contact applications, caps/lids/closures, bottles, medical/healthcare and packaging. Primary characteristic: food contact acceptable.

General Information	
Features	Food Contact Acceptable
Uses	Bottles Caps Closures Medical/Healthcare Applications Non-specific Food Applications Packaging Sheet
Agency Ratings	FDA Food Contact, Unspecified Rating HPB (Canada) Food Contact, Unspecified Rating
Processing Method	Extrusion Injection Molding Sheet Extrusion

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)	1.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	53.0	MPa	ASTM D638
Tensile Elongation (Yield)	2.5	%	ASTM D638
Flexural Modulus	3000	MPa	ASTM D790
Flexural Strength	99.0	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	87.0	°C	ASTM D648
Vicat Softening Temperature	106	°C	ASTM D1525

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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

