

# MARPOL® PSC 6030

General Purpose Polystyrene  
Marco Polo International, Inc.

Message:

MARPOL® PSC 6030 is a General Purpose Polystyrene product. It can be processed by extrusion, injection molding, profile extrusion, or sheet extrusion and is available in Asia Pacific, Europe, Latin America, or North America. Applications of MARPOL® PSC 6030 include food contact applications, caps/lids/closures, bottles, packaging and sheet. Primary characteristic: food contact acceptable.

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

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)	3.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	52.0	MPa	ASTM D638
Tensile Elongation (Yield)	2.0	%	ASTM D638
Flexural Modulus	2800	MPa	ASTM D790
Flexural Strength	92.0	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	86.0	°C	ASTM D648
Vicat Softening Temperature	105	°C	ASTM D1525

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