

MARPOL® PSH 6054

High Impact Polystyrene
Marco Polo International, Inc.

Message:

MARPOL® PSH 6054 can - in principle - be used in food contact applications in the USA (FDA) and in Canada (HBP). Migration or use limitations may apply.

General Information			
Features	Food Contact Acceptable		
	High Impact Resistance		
Uses	Business Equipment		
	Cups		
	Disposable Tableware		
	Food Packaging		
	Packaging		
	Profiles		
	Thermoformed Containers		
	Toys		
Agency Ratings	FDA Food Contact, Unspecified Rating		
	HPB (Canada) Food Contact, Unspecified Rating		
Processing Method	Extrusion		
	Injection Molding		
	Profile Extrusion		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)	4.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	28.0	MPa	ASTM D638
Tensile Elongation (Yield)	50	%	ASTM D638
Flexural Modulus	1900	MPa	ASTM D790
Flexural Strength	44.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	210	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	82.0	°C	ASTM D648
Vicat Softening Temperature	102	°C	ASTM D1525

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