

SMASH!® Plastic

Polyurethane

Smooth-On, Inc

Message:

SMASH!® Plastic is a new urethane liquid plastic designed to shatter/crumble on impact ("breakaway glass"). SMASH!® is water clear and, once fully cured, shatters like glass. It can be cast solid in thin sections to make window panes or rotationally cast to form hollow bottles, jars or other glass-like objects to be used as breakable props for movie and stage productions. Maximum recommended thickness is 1/8" (0.33 cm.). SMASH!® is a room temperature cure system that is easy to use - mixed 1A:1B by volume (1 cup + 1 cup). Low viscosity ensures easy mixing and pouring. Cured castings are UV RESISTANT. Vibrant colors and color effects are achieved by adding pigment dispersions.

General Information			
Features	Good Colorability		
	Good UV Resistance		
	Low Viscosity		
Appearance	Clear/Transparent		
Forms	Liquid		
Processing Method	Casting		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.03	g/cm ³	ASTM D1475
Specific Volume	0.965	cm ³ /g	ASTM D1475
Mixing Ratio	1A:1B by volume		
Molding Shrinkage - Flow	0.010	%	ASTM D2566
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	80		ASTM D2240
Thermoset	Nominal Value	Unit	Test Method
Pot Life	5.0	min	
Thermoset Mix Viscosity	900	cP	ASTM D2393
Demold Time (23°C)	90	min	

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Recommended distributors for this material

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