

EZ-Spray® 45

Polyurethane

Smooth-On, Inc

Message:

EZ~Spray® 45 is a polyurethane rubber for spraying through the EZ~Spray® Junior Cartridge System. Refer to EZ~Spray® Junior manual prior to spraying this product. EZ~Spray® 45 can be sprayed onto vertical surfaces for making molds or is good for making fast molds of large surface areas. After a suitable thickness is attained, EZ~Spray® 45 cures overnight with negligible shrinkage to a durable mold rubber. Application of a support shell is achieved by spraying Smooth-On's EZ~Spray® Plastic over the rubber mold after it has fully cured. EZ~Spray® 45 is suitable for casting a variety of materials including wax, gypsum, urethane or epoxy resins, concrete, etc.

General Information			
Features	Durable		
	Low Shrinkage		
Uses	Modeling Material		
Appearance	Light Blue		
Processing Method	Spraying		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	g/cm ³	ASTM D1475
Specific Volume	0.975	cm ³ /g	ASTM D1475
Viscosity	Sprayable		
Mixing Ratio	1A:1B by volume		
Molding Shrinkage - Flow	< 0.10	%	ASTM D2566
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	45		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	3.52	MPa	ASTM D412
Tensile Elongation (Break)	380	%	ASTM D412
Tear Strength ¹	17.5	kN/m	ASTM D624
Thermoset	Nominal Value	Unit	Test Method
Pot Life (23°C)	20	min	ASTM D1475
Demold Time (23°C)	960	min	
NOTE			
1.	Die C		

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Recommended distributors for this material

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