

# EZ-Mix® 40

Polyurethane  
Smooth-On, Inc

## Message:

EZ-MIX® 40 is a brushable polyurethane rubber mold compound that mixes and applies easily. Two liquids (Part A and Part B) are measured and combined in equal amounts by volume (no scale is necessary). After a few minutes of mixing, EZ-MIX® 40 is ready to be applied to a vertical surface with a brush. After a suitable thickness is attained (multiple layers), EZ-MIX® 40 cures overnight with negligible shrinkage to a flexible, durable mold rubber. Following the application of a support shell, a rubber mold made with EZ-MIX® 40 is suitable for casting a variety of materials including wax, gypsum, urethane/epoxy resins, concrete, cement, etc.

General Information			
Features	Durable		
	Low Shrinkage		
Uses	Modeling Material		
Appearance	Grey		
Forms	Liquid		
Processing Method	Casting		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	g/cm³	ASTM D1475
Specific Volume	0.975	cm³/g	ASTM D1475
Viscosity	Brushable		ASTM D2393
	100A:85B by weight		
Mixing Ratio	1A:1B by volume		
Molding Shrinkage - Flow	< 0.10	%	ASTM D2566
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	40		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2.90	MPa	ASTM D412
Tensile Elongation (Break)	580	%	ASTM D412
Tear Strength <sup>1</sup>	11.7	kN/m	ASTM D624
Thermoset	Nominal Value	Unit	Test Method
Pot Life (23°C)	18	min	ASTM D2471
Demold Time (23°C)	960	min	
NOTE			
1.	Die C		

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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



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