

EZ-Spray® Silicone 20

Silicone

Smooth-On, Inc

Message:

EZ~Spray® Silicone 20 is a sprayable silicone that cures quickly to a soft rubber with high elongation and tear strength. Liquid silicone is sprayed through the EZ~Spray® Junior Cartridge System which is an economical alternative to expensive spray equipment. After a suitable spray thickness is attained, EZ~Spray® Silicone 20 cures in about 10 minutes with negligible shrinkage to a strong, durable mold rubber good for production casting of polyester, epoxy or urethane resins, gypsum, concrete and other materials.

EZ~Spray® Silicone 20 is effective at making fast, cost effective vacuum bags for producing composite parts. Newly sprayed or injected bags can be removed from the mold in 10 minutes and used immediately in production with polyester or epoxy resin systems. The advantage that EZ~Spray® Silicone 20 offers vs. conventional vacuum bagging systems is the speed at which a production-ready silicone bags can be made resulting in significant time and labor savings. Read the EZ~Spray® Junior manual prior to spraying.

General Information			
Features	Durable		
	Good Strength		
	Good Tear Strength		
	High Elongation		
	Low Shrinkage		
Uses	Bags		
	Coating Applications		
Appearance	Green		
Forms	Liquid		
Processing Method	Spraying		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm ³	ASTM D1475
Specific Volume	0.925	cm ³ /g	ASTM D1475
Service Temperature	-54 to 232	°C	
Cure Time	20.0	min	
Molding Shrinkage - Flow	< 0.10	%	ASTM D2566
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	20		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	0.317	MPa	ASTM D412
Tensile Strength (Break)	3.79	MPa	ASTM D412
Tensile Elongation (Break)	620	%	ASTM D412
Tear Strength ¹	21.0	kN/m	ASTM D624
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Part A	Mix Ratio by Weight: 1.0		

Part B	Mix Ratio by Weight: 1.0		
Pot Life (23°C)	3.0	min	ASTM D2471
Thermoset Mix Viscosity	20000	cP	ASTM D2393
NOTE			

1. Die B

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

