

FMC® 200

Polysulfide Rubber
Smooth-On, Inc

Message:

FMC ® -200 is a polysulfide rubber mold compound with high tear strength that cures overnight with negligible shrinkage. Molds made of FMC ® -200 are very durable and will perform in production. The mix ratio is 100 parts of Part A to 12 parts of Part B by weight. FMC ® -200 cures to a Shore hardness of 20 A.

FMC ® -200 is ideal for those applications that require capturing intricate detail from a variety of model surfaces. Unlike polyurethanes, FMC ® -200 is not sensitive to moisture and can be poured directly over wet plaster or water/sulfur based clays. Common applications include molds for foundry and pattern work, sculpture (lost wax process), casting various gypsum products and waxes.

General Information			
Features	Durable		
	Good Tear Strength		
	Low Shrinkage		
	Moisture Resistant		
Uses	Modeling Material		
	Patterns		
Appearance	Black		
Processing Method	Casting		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm³	ASTM D792
Specific Volume	0.741	cm³/g	
Mixing Ratio	100A:12B by weight		
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	20		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	0.200	MPa	ASTM D412
Tensile Strength (Break)	1.08	MPa	ASTM D412
Tensile Elongation (Break)	700	%	ASTM D412
Thermoset	Nominal Value	Unit	Test Method
Pot Life	50	min	
Thermoset Mix Viscosity	6000	cP	ASTM D2393
Demold Time (23°C)	960	min	

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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

