

FMC® 201

Polysulfide Rubber
Smooth-On, Inc

Message:

FMC ® -201 is part of the Smooth-On family of polysulfide rubber mold compounds. FMC ® -201 cures overnight (faster or slower cure possible with different curatives) with negligible shrinkage to a soft Shore A15 rubber that stretches and exhibits good tear resistance. Molds made of FMC ® -201 are very durable and will perform in production.

FMC ® -201 is ideal for those applications that require capturing intricate detail from a variety of model surfaces. Unlike polyurethanes, FMC ® -201 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)	15		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	0.200	MPa	ASTM D412
Tensile Strength (Break)	1.03	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	

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

