

FMC® 205

Polysulfide Rubber

Smooth-On, Inc

Message:

FMC ® -205 is a polysulfide rubber mold compound that cures overnight with negligible shrinkage to a lasting durable rubber that will perform in production. The mix ratio is 100 parts of Part A to 12 parts of Part B by weight. FMC ® -205 cures to a Shore hardness of 12 A.

FMC ® -205 is ideal for those applications that require capturing intricate detail from a variety of model surfaces. Unlike polyurethanes, FMC ® -205 is not sensitive to moisture and can be poured directly over wet plaster or water/sulfur based clays. Common applications include molds of sculpture (lost wax process), casting various gypsum products and waxes.

General Information			
Features	Durable		
	Low Shrinkage		
	Moisture Resistant		
Uses	Modeling Material		
Appearance	Black		
Processing Method	Casting		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm ³	ASTM D792
Specific Volume	0.726	cm ³ /g	
Mixing Ratio	100A:12B by weight		
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	12		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	0.103	MPa	ASTM D412
Tensile Strength (Break)	0.414	MPa	ASTM D412
Tensile Elongation (Break)	550	%	ASTM D412
Thermoset	Nominal Value	Unit	Test Method
Pot Life	90	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

