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## AeroMarine 128 Brushable Silicone Moldmaking Rubber

### Product Description

AeroMarine 128 Brushable Silicone Moldmaking Rubber is a two component, room temperature condensation cure silicone material. The cured rubber has excellent mechanical properties and good shelf-life stability. This material is an excellent choice for moldmaking of intricate patterns, skin molding and applications where medium durometer, dimensional stability and extremely tough rubber are required. This version is thixotropic, meaning that it can be applied to a vertical surface. AM 128 Brushable's mix ratio is 10:1 by weight.

### Key Features

- High tear strength
- Low viscosity
- Fast demold time
- Excellent dimensional stability

### Main Applications

- Molds for large and small statues
- Molds for polyester, polyurethane and epoxy resin castings
- Molds for technical articles and prototypes
- Molds for furniture and picture frame replication

### Typical Properties

Uncured properties	"A" component	"B" component
Appearance	White	Pink
Viscosity, cps	15,000	200
Mix Ratio	10:1 by weight	
Catalyzed properties(10% cat Purple)		
Specific gravity	1.25	
Pot life	~30 minutes	
Tack-free time	6-8 hours	
Demold time	16-24 hours	
Typical cured properties (3 days @ 25C)		
Durometer	28	
Tensile Strength, psi	>400	
Elongation, %	>500	
Tear B, pli	~110	
Linear shrinkage	<0.3	
Useful Temperature Range	-50F to 450F	

### Cure Characteristics

The curing process begins as soon as the catalyst is mixed with the base. Under normal temperature(25C) and humidity(50% RH) conditions, the material will cure as described in the data above. Any large change in temperature(+/-5C) or humidity(>60-70%) may alter the cure profile of the material. In addition, if the product is to be used with aggressive resins such as high styrene polyester resins, it is recommended that the rubber be allowed to cure for 48 hours.

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