

ELASTOSIL® M 4644 A/B

Silicone

Wacker Chemie AG

Message:

Silicone Rubber, RTV-2

Rapid Prototyping, Household Care

Rapid Prototyping, Pharmaceuticals & Healthcare

Rapid Prototyping, Automotive & Transportation

Rapid Prototyping, Plastics and Rubber Processing

Mold Making, Mold Making

General Information			
Uses	Medical/Healthcare Applications		
	Mold Making		
	Pharmaceuticals		
	Prototyping		
Processing Method	Reaction Injection Molding (RIM)		
Uncured Properties	Nominal Value	Unit	Test Method
Color	Translucent		
Density	1.07	g/cm ³	ISO 2781
Viscosity	50	Pa · s	ISO 3219
Curing Time	12	hr	
Pot Life	80	min	
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	40		ISO 868
Tensile Strength	5.50	MPa	ISO 37
Tensile Elongation at Break	400	%	ISO 37
Tear Strength	> 25.0	kN/m	ASTM D624B
Linear Shrinkage	< 0.10	%	

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Recommended distributors for this material

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