

ELASTOSIL® RT 728 A/B

Silicone

Wacker Chemie AG

Message:

RTV-2 SILICONE RUBBER

ELASTOSIL® RT 728 A/B is a paste-like, thermally curable, two-part silicone rubber.

Vulcanized parts show excellent coolant resistance and a low compression set.

Special features

adhesion on synthetic material

long-term flexibility over a temperature range from -50 °C to +200 °C

resistant to antifreeze-water mixtures

low compression set

short curing time

Application

ELASTOSIL® RT 728 series are particularly suitable for the economical production of gaskets and rubberparts which are used for radiators in the automotive industry.

General Information			
Features	Glycol Resistant		
	Low Compression Set		
Uses	Automotive Applications		
	Automotive Under the Hood		
	Gaskets		
	Seals		
Processing Method	Injection Molding		
	Liquid Injection Molding (LIM)		
Uncured Properties	Nominal Value	Unit	Test Method
Color	Opaque		
Density	1.13	g/cm ³	ISO 1183
Viscosity			DIN 53019
-- 1	1000	Pa · s	
-- 2	1100	Pa · s	
-- 3	1200	Pa · s	
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	60		DIN 53505
Tensile Strength	4.00	MPa	DIN 53504-S1
Tensile Elongation at Break	200	%	DIN 53504-S1
Compression Set (175°C, 22.0 hr)	15	%	ISO 815
Tear Strength	10.0	kN/m	ASTM D624B
NOTE			
1.	Part B at shear rate 0.9 1/s		

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|----|-----------------------------------|
| 2. | 1:1 mixture at shear rate 0.9 1/s |
| 3. | Part A at shear rate 0.9 1/s |

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