

Article	<b>RTV 28/28S-9</b>
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RTV 28/28S-9 A&B 1:1 is a Fast-Room-Temperature-Vulcanizing 2-component silicone elastomer. To obtain a rubber with sealing and insulating properties and high resistance to aging.

PROPERTY	TEST METHOD/ NOTES	TYPICAL VALUE
<b><u>PHYSICAL</u></b>		
Aspect	-	Viscous liquid
Color	-	●
Viscosity at 23°C	On mixed product	Approx. 4500-6000 mPa.sec
Pot life	-	Approx. 9 minutes @ 23°C
Setting	-	Approx. < 15 minutes @ 23°C
	When the temperature increases, the pot life is reduced, and vice versa	
Exothermic temperature	-	Non-exothermic reaction
Hardness	Shore A after 24 hours	Approx. 28 Shore A
Density	-	Approx. 1.24 g/cc
Tensile tensile strength	-	Approx. 2.9 MPa
Elongation at break	-	Approx. 350%
Tear resistance	-	Approx. 8 N/mm
Thermal conductivity	-	Approx. 0.2 W/mK
Continuous operating temperature	-	-60 to +200°C
<b><u>FLAMMABILITY</u></b>		
Flash point	-	<200 °C
Auto-ignition temperature	-	>400 °C
<b><u>ELECTRICAL</u></b>		
Dielectric strength	-	>20 kV/mm
Dielectric Constant / Permittivity	@ 1kHz	< 5
Volume resistivity	-	>2 x 10 exp. 15 Ω cm

Notes: RTV 28/28S-9 is a rubber with mineral fillers that give it the high mechanical properties.

The mineral fillers are, in the state of use, encapsulated in the polymer and this product does not appear to represent a health hazard when treated under normal conditions of use.

Although classified according to EC criteria, this product is exempt from labelling, in accordance with Article 23 and Annex 1 (section 1.3.4.1) of Directive No. 1272/2008 (CLP). EUH210: Safety **Data Sheet available upon request.**