

Article	RTV 830/200-10
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RTV 830/200-10 A&B 1:1 is a Fast-Room-Temperature-Vulcanizing 2-component silicone elastomer. To obtain a rubber with sealing and insulating properties, which is sticky, adhesive, removable and with high resistance to aging.

PROPERTY	TEST METHOD/ NOTES	TYPICAL VALUE
<u>PHYSICAL</u>		
Aspect	-	Viscous fluid of good castability
Color	-	●
Viscosity at 23°C	-	Part A: 8000 mPa.sec
	-	Part B: 15000 mPa.sec
	-	Blended: 11500 mPa.sec
Pot life	-	Approx. 10 minutes @ 23°C
Setting	-	Approx. < 18 minutes @ 23°C
	When the temperature increases, the pot life is reduced, and vice versa	
Exothermic temperature	-	Non-exothermic reaction
Hardness	Cone penetration ASTM D 217/C	Approx. 200 1/10 mm
Own weight	-	Approx. 1.05 g/cc
Thermal conductivity	-	Approx. 0.2 W/mK
Continuous operating temperature	-	-60 to +200°C
Overload temperature for limited times	-	Up to 250 °C
Water absorption after 30 days of immersion	-	<< 0.05%
<u>CHEMICAL</u>		
Composition	Mixture of substances and ingredients not classified as hazardous under CLP: organosiloxanes and additives.	
UV resistance	-	Resistant
Mold resistance	-	Resistant
Halogens	-	Halogen-free
<u>FLAMMABILITY</u>		
Flash point	-	<200 °C
Auto-ignition temperature	-	>400 °C
<u>ELECTRICAL</u>		
Dielectric strength	-	>20 kV/mm
Dielectric Constant / Permittivity	@ 1kHz	< 5
Volume resistivity	-	>2 x 10 exp. 15 Ω cm