



Compound Data Sheet

Compound number	CMD-1065-SS316
Material	Platinum Cured Silicone
Compound	Dow Corning SILASTIC® Biomedical Grade Elastomer Q7-4765 + 0.25% TiO ₂
Shaft material	SS316 (EN 1.4408)
Colour	White
Odour	None
Temperature range	-60°C – +250°C
Storage Stability	10 years

Property (Norm)	Requirements	Results
Hardness [shore A] ISO 7619-41	70±5	71
Tensile Strength [MPa] DIN 53504	6.0 (min)	7.4
Elongation % DIN 53504	150 (min)	907
Density [g/cm ³]		1.12

Meets

FDA	CFR 177.2600
Cytotoxicity <i>in vitro</i>	USP 42 <87>, ISO 10993-5
Cytotoxicity <i>in vivo</i>	USP 43 <88> Class VI [121°C]
Physicochemical	USP 43 <381>
Extractables	
Migration (food)	
Conform	Animal Derived Ingredient Free (ADIF) & BSE/TSE free

General Advice

SIP	Good
CIP	Good
Mineral Oils & Fat	Poor
WFI	Good
Sterilization	Good
Steam Sterilization	Good

This information is accurate to the best of our knowledge. We advise the users of our products to perform their own testing for chemical compatibility and suitability for particular applications.