

Compound Technical Data Sheet

Material : PLATINUM CURED SILICONE

COMPOUND NUMBER : CMD-1012

COLOR : TRANSPARENT

TEMPERATURE RANGE : -60 °C / + 200°C

<u>Original Physical Properties</u>	<u>Requirements</u>	<u>Results</u>
Hardness, (Shore A) (ASTM D2240-04)	70±5	71
Tensile Strength, (N/mm ²) (DIN53504)	7,0 (min)	9.2
Elongation, (%) (ISO 37)	400(min)	620
Tear strength ASTM D 624 B (N/mm)	35,0 (min)	40,9
Specific Gravity (g/cm ³)		1.18
Compression set, 22Hrs @ 175°C DIN ISO 815-B		10%

PRODUCT SPECIFICS

Odor : None

Storage Stability : 10 years

Meets : FDA CFR 177.2600

Meets : USP 35 Cytotoxicity Testing <87>

Meets : USP 35 Class VI-121°C <88>

Meets : European Pharmacopoeia 2013, 3.1.9

Conform ADIF (Animal Derived Ingredient Free) BSE/TSE

GENERAL ADVICE

SIP : very good

CIP : very good

Mineral Oils & Fat : bad

WFI : good

Sterilization : excellent

Steam Sterilization : excellent

Silicone is porous and will absorb some of the media that passes the surface.



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

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