

Compound Technical Data Sheet

Material : PEROXIDE CURED SILICONE

COMPOUND NUMBER : CMD-1015

COLOR : RED/BROWN

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, (MPa) (ASTM D412-06)	5 (min)	6,54
Elongation, (%) (ASTM D412-06)	150(min)	273
Tear resistance ASTM D 624 B (KN/m)	5,0 (min)	12,30
Specific Gravity (g/cm ³)		1.35
Compression set, 22Hrs @ 175°C ASTM D395-03B	25% appl	24,1

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 : EC1935/2004 for Water & Acid only

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 active 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.

Rev. date 08-2019