

## *Compound Technical Data Sheet*

Material : EPDM (Ethylene Propylene, peroxide cured)

COMPOUND NUMBER : CMD-1004

COLOR : BLACK

TEMPERATURE RANGE : -40 °C / + 150°C short 170°C

<u>Original Physical Properties</u>	<u>Requirements</u>	<u>Results</u>
Hardness, (Shore A) (ASTM D2240)	70±5	74
Tensile Strength, (MPa) (ASTM D412-06)	7,00 (min)	10,70
Elongation, (%) (ASTM D412-06)	150 (min)	187
Compression set, 22 Hrs @ 150°C (ASTM D395/B)	20%	8,5
Specific Gravity (g/cm <sup>3</sup> )		1,156

### PRODUCT SPECIFICS

Odor : None

Storage Stability : 10 years

Meets : FDA CFR 177.2600

Meets : USP 30 Cytotoxicity testing <87>

Meets : USP 30 Class VI-121°C <88>

Meets : USP 35 Physicochemical Testing <381>

Conform ADIF (Animal Derived Ingredient Free) BSE/TSE

Meets : EC1935/2004 for Water & Acid only



### GENERAL ADVICE

SIP : good short exposure

CIP : good

Mineral Oils & Fat : poor

WFI : good

Sterilization : excellent

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 resistance and suitability of the particular applications.

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