

## *Compound Technical Data Sheet*

Material : PTFE (PolyTetraFluorEthylene) TFM

COMPOUND NUMBER : CMD-1028

COLOR : WHITE

TEMPERATURE RANGE : -195 °C / + 260°C

<u>Original Physical Properties</u>	<u>Requirements</u>	<u>Results</u>
Hardness, (Shore D) (ASTM D2240-04)	60±5	62
Tensile Strength, (PSI) (ASTM D4894)	3000 (min)	4600
Elongation, (%) (ASTM D4894)	NA (min)	450
Specific Gravity (g/cm <sup>3</sup> )		2,16
Deformation under L 2175 psi - 100 hrs		9%

### PRODUCT SPECIFICS

Odor : None

Storage Stability : Indefinitely

Meets : FDA CFR 177.1550

Meets : USP 40 Cytotoxicity <87>

Meets : USP 40 Class VI -121°C <88>

Meets : USP 40 Physicochemical testing <661>

Conform ADIF (Animal Derived Ingredient Free) BSE/TSE



USP-NF

### GENERAL ADVICE

SIP	: very good
CIP	: very good
Mineral Oils & Fat	: very good
WFI	: excellent
Sterilization	: excellent
Steam Sterilization	: excellent
Gamma Radiation	: not recommended



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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