

Compound Data Sheet

Compound number	CMD-1025
Material	FKM [hexafluoropropylene vinylidene fluoride Type A]
Colour	Black
Odour	None
Temperature range	-15°C – +220°C
Storage Stability	10 years

Property (Norm)	Requirements	Results
Hardness [shore A] ASTM D2240	80±5	76.8
Tensile Strength [MPa] ATM D412/C	4.0 (min)	12.6
Elongation % ASTM D412/C	150 (min)	175
Compression set [%] 22 Hrs @ 175°C ASTM D395/B	20 (max)	15.0
Density [g/cm³]		2.0

Meets

FDA	CFR 177.2600
Cytotoxicity <i>in vitro</i>	USP 39 <87>
Cytotoxicity <i>in vivo</i>	USP 38 <88> Class VI [121°C]
Physicochemical	
Migration (food)	EC1935/2004 on all simulants except acidic food
Conform	Animal Derived Ingredient Free (ADIF) & BSE/TSE free

General Advice

SIP	Good
CIP	Good
Mineral Oils & Fat	Good
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.