



Compound Data Sheet

Compound number	CMD-1010-SP
Material	FKM (Viton®) Bisphenol cured Plate: SS316L [electropolished, Ra <0.25µm]
Colour	Black
Odour	None
Temperature range	-30°C – +170°C
Storage Stability	10 years

Property (Norm)	Requirements	Results
Hardness [shore A] ISO868	80±5	81
Tensile Strength [MPa] ISO37	14.0 (min)	14.1
Elongation % ASTM D4894	150 (min)	192
Compression set [%] 22 Hrs @ 200°C ASTM D395	20 (max)	11.9
Density [g/cm³]		1.93

Meets

FDA	CFR 177.2600
Cytotoxicity <i>in vitro</i>	ISO 10993-5 / USP 42 <87>
Cytotoxicity <i>in vivo</i>	USP 30 <88> Class VI [121°C]
Physicochemical	
Migration (food)	EC1935/2004
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.