



Compound Data Sheet

Compound number	CMD-1019-SP
Material	Steam-Flon® [TFM+316SS] Plate: SS316L [electropolished, Ra <0.25µm]
Colour	Bronze
Odour	None
Temperature range	-195°C – +288°C
Storage Stability	Indefinitely

Property (Norm)	Requirements	Results
Hardness [shore D] ISO 868	65±5	65
Tensile Strength [MPa] ISO 37	15 (min)	16.6
Elongation [%] ASTM D4894	n/a (min)	258
Deformation [%] under load 14 MPa – 100 hrs @23°C		5.0
Density [g/cm³]		3.30

Meets

FDA	CFR 177.1550
Cytotoxicity <i>in vitro</i>	USP 44 <87>
Cytotoxicity <i>in vivo</i>	USP 35 <88> Class VI [121°C]
Physicochemical	USP 35 <661>
Migration (food)	EC10/2011 [EC1935/2004]
Conform	Animal Derived Ingredient Free (ADIF) & BSE/TSE free

General Advice

SIP	Excellent
CIP	Excellent
Mineral Oils & Fat	Excellent
WFI	Excellent
Sterilization	Excellent
Steam Sterilization	Excellent

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.