

Compound Data Sheet

Compound number	CMD-1054
Material	FEP/SIL [fluorinated ethylene propylene] Encapsulated Silicone [inside]
Colour	Translucent / Red
Odour	None
Temperature range	-60°C – +205°C short 250°C
Storage Stability	Indefinitely

Property (Norm)	Requirements	Results
Hardness [shore A] ISO 868	90±5	90
Tensile Strength [MPa] ISO 37	15 (min)	n/a
Elongation [%] ASTM D4894	n/a (min)	n.a
Deformation [%] under load 25 hrs – 14 MPa		10.0
Density [g/cm ³]		n/a

Meets

FDA	CFR 177.1550 & CFR 177.2600
Cytotoxicity <i>in vivo</i>	USP 43 <88> Class VI [121°C]
Migration (food)	EC10/2011 [EC1935/2004]
Conform	Animal Derived Ingredient Free (ADIF) & BSE/TSE free

General Advice

SIP	Very Good
CIP	Very Good
Mineral Oils & Fat	Very Good
WFI	Good
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.