

Compound Data Sheet

Compound number	CMD-1061
Material	Tri-Bond® PTFE (polytetrafluoroethylene) with EPDM substrate
Colour	White/Black
Odour	None
Temperature range	-30°C – +155°C
Storage Stability	10 years

Property (Norm)	Requirements	Results
Hardness [shore D] ASTM D2240-04	55±5	57
Tensile Strength [MPa] ASTM D4894	15 (min)	17
Elongation % ASTM D4894	n/a (min)	160
Deformation % under load 25 hrs – 150°C		7.0
Density [g/cm ³]		2.13

Meets

FDA	CFR 177.1550 & CFR 177.2600
Cytotoxicity <i>in vitro</i>	USP 43 <87>, ISO 10993-5
Cytotoxicity <i>in vivo</i>	USP 43 <88> Class VI [121°C]
Physicochemical	USP 43 <661>
Migration (food)	EC10/2011 [EC1935/2004]
Conform	Animal Derived Ingredient Free (ADIF) & BSE/TSE free
Conform	GMP EC2023/2006

General Advice

SIP	Good
CIP	Very Good
Mineral Oils & Fat	Very Good
WFI	Excellent
Sterilization	Excellent
Steam Sterilization	Excellent
Gamma Irradiation	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 compatibility and suitability for particular applications.