



Compound Data Sheet

Compound number	CMD-1066-SS316
Material	EPDM (Etylene Propylene, peroxide cured)
Compound	Kraiburg EPDM AA7LTZ
Shaft material	SS316 (EN 1.4408)
Colour	Black
Odour	None
Temperature range	-40°C – +150°C
Storage Stability	10 years

Property (Norm)	Requirements	Results
Hardness [shore A] ISO 7619-41	70±5	69
Tensile Strength [MPa] DIN 53504	12.0 (min)	15.6
Elongation % DIN 53504	150 (min)	356
Compression set [%] 24 Hrs @ 150°C ISO 815	35 (max)	25.8
Density [g/cm ³]		1.11

Meets

FDA	CFR 177.2600
Cytotoxicity <i>in vitro</i>	USPNF 2024 Issue 1 <87>, ISO 10993-5
Cytotoxicity <i>in vivo</i>	USP 40 <88> Class VI [121°C]
Physicochemical	USP 40 <381>
Extractables	USP <665>
Migration (food)	
Conform	Animal Derived Ingredient Free (ADIF) & BSE/TSE free

General Advice

SIP	Good short exposure
CIP	Good
Mineral Oils & Fat	Poor
WFI	Good
Sterilization	Excellent
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.