



Compound Data Sheet

Compound number	CMD-1023
Material	EPDM [ethylene propylene] peroxide cured
Colour	Black
Odour	None
Temperature range	-40°C – +135°C short 150°C
Storage Stability	10 years

Property (Norm)	Requirements	Results
Hardness [shore A] ASTM D2240	70±5	72
Tensile Strength [MPa] ASTM D412/C	7 (min)	12.9
Elongation [%] ASTM D412/C	150 (min)	176
Deformation [%] 22 hrs @ 130°C ASTM D395/B	35 (max)	11.8
Density [g/cm³]		1.1

Meets

FDA	CFR 177.2600
Cytotoxicity <i>in vitro</i>	USP 39 <87>
Cytotoxicity <i>in vivo</i>	USP 38 <88> Class VI [121°C]
Migration (food)	EC1935/2004 for water, acid and ethanol
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.