



## Compound Data Sheet

|                   |                                 |
|-------------------|---------------------------------|
| Compound number   | CMD-1089-SS316                  |
| Material          | FKM (Viton®)   Chemours GF-200S |
| Shaft material    | SS316 (EN 1.4408)               |
| Colour            | Black                           |
| Odour             | None                            |
| Temperature range | -30°C – +200°C                  |
| Storage Stability | 10 years                        |

| Property (Norm)                              | Requirements    | Results |
|----------------------------------------------|-----------------|---------|
| Hardness [shore A] ASTM D2240                | 70±5            | 73      |
| Tensile Strength [MPa] ASTM D412             | 10 (min)        | 15.26   |
| Elongation % ASTM D412                       | 175 (min)       | 304     |
| Compression set [%] 22 Hrs @ 175°C ASTM D395 | 50% plied (max) | 18.4    |
| Density [g/cm <sup>3</sup> ]                 |                 | 2.06    |

## Meets

|                              |                                                      |
|------------------------------|------------------------------------------------------|
| FDA                          | CFR 177.2600                                         |
| Cytotoxicity <i>in vitro</i> | ISO 10993-5 / USP-NF 2025 Issue 2 <87>               |
| Cytotoxicity <i>in vivo</i>  |                                                      |
| Physicochemical              |                                                      |
| Migration (food)             |                                                      |
| Conform                      | Animal Derived Ingredient Free (ADIF) & BSE/TSE free |

## General Advice

|                     |      |
|---------------------|------|
| SIP                 | Good |
| CIP                 | Good |
| Mineral Oils & Fat  | Good |
| WFI                 | Good |
| Sterilization       | Good |
| 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.