

CZ70CJ53 Product Data Sheet

Life Science applications



Ceetak is the leading provider of sealing solutions into the Life Sciences & Medical industry, providing technologically advanced materials, engineering expertise and high quality products.

Our unique portfolio of materials includes a broad range of elastomers formulated to satisfy the stringent material, production control and cleanliness regulations demanded by the industry.

Our advance production technologies and cleanroom facilities ensure we maintain the highest levels of quality assured product integrity .

CZ70CJ53 FFKM has been developed to have excellent thermal stability and chemical resistance.

CZ70CJ53 offers resilience to aggressive cleaning processes and may be used where SIP and CIP are required.

Basic Polymer: Perfluoroelastomer
Hardness: 70 +/- 5 Shore A
Temperature range: -10°C to +230°C
Colour: White

Key features

- FDA approved
- USP Class VI compliant
- Steam resistant
- Broad chemical resistance

Production Methods

- Compression moulding
- Transfer moulding



Products

- O-Rings
- Gaskets
- Grommets

Property	Test	Units	Results
Hardness	ASTM D2240-05	Shore A	75
Tensile Strength	ASTM D412-06a	MPa	15.64
Elongation	ASTM D412-06a	%	161
Specific Gravity	D297	g/cm ³	2.40
Compression Set	ASTM D395 - 03 70Hrs @ 200°C	%	22.4
Modulus	ASTM D412-06a	MPa	9.13

Applications

- Medical Devices
- Valves
- Syringes
- Pumps
- Biomedical
- Pharmaceutical
- Filtration

These results represent typical material properties. They are achieved under laboratory conditions and do not necessarily correspond to results measured on finished goods. It does not absolve the customer of the responsibility to make tests for their intended process or purpose. Ceetak Ltd makes no warranties and assumes no liability in connection with any use of this information.

