

E70CH91 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 .

E70CH91 is an EPDM compound for use in Life Sciences applications.

E70CH91 demonstrates excellent performance in water and steam application environments.

Basic Polymer: EPDM
Hardness: 70 +/- 5 Shore A
Temperature range: -50°C to +150°C
Colour: White

Key features

- FDA approved
- ISO 10993-5 compliant
- ISO 10993-10 compliant
- ISO 10993-11 compliant
- USP Class VI compliant

Production Methods

- Compression moulding
- Transfer moulding

Products

- O-Rings
- Gaskets
- Grommets



Applications

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

Property	Test	Units	Specification	Results
Hardness	ASTM D2240-05	Shore A	70 +/- 5	68
Tensile Strength	ASTM D412-06a	MPa	--	11.87
Elongation	ASTM D412-06a	%	--	325
Specific Gravity	D297	g/cm ³	--	1.26
Compression Set	ASTM D395-03 22Hrs @125°C	%	50 max	9.6
Modulus	ASTM D412-06a	MPa	--	4.61

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.



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