S60C370 Product Data Sheet
Life Science applications

ceetak sealing solutions

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 .

S60C370 is a peroxide cured, silicone elastomer compound for use in Life Sciences applications.

Silicone S60C370 is recommended for its excellent performance in low and high temperature range environments, and various other application conditions required to meet and comply with USP Class VI.

Basic Polymer: Silicone
Hardness: 60 +/– 5 Shore A
Temperature range: –50˚C to +200˚C
Colour: Translucent

Key features

- **USP Class VI approved**
- **FDA approved**

Production Methods

- **Compression moulding**
- **Transfer moulding**

Products

- **O-Rings**
- **Gaskets**
- **Grommets**

Property	Test	Units	Results
Hardness	ASTM D2240-04	Shore A	58
Tensile Strength	ASTM D412-16	MPa	10.6
Elongation	ASTM D412-16	%	552
Specific Gravity	CNS 5341-96; Method A	Mg/m^3	1.14
Compression Set	ASTM D395-16 22Hrs @ 175°C	%	14.1
Low Temperature	ASTM D2317-11 3 mins @ -55°C	%	Pass
Modulus	ASTM D412-16	MPa	1.32

Applications

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

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