

## TECHNICAL DATA

### MICS22

#### Special Attributes

Nature: Copolymer of hydroxyethyl methacrylate and methyl methacrylate

MICS22 represents the next generation of hydrophilic acrylic material customised for micro insertion IOLs. It offers increased tensile strength, enhanced modulus, and controlled unfolding due to excellent shape memory.

MICS22's stiffness allows laboratories to design thinner IOL optics while maintaining compression forces. It's optimised for 1.8mm incision in the bag and 1.4mm incision 'wound assisted'.

**Please Note:** Regulatory requirements and standards vary from country to country, and are constantly evolving. As a global company we want to be sure we provide you with detailed technical information, specific to your market, where appropriate, rather than using the condensed and simplified technical information on the website. If you need to use technical data for quality paperwork, or for a regulatory submission, please contact your account manager to obtain this precise and detailed information to support your regulatory requirements, we will be happy to help.

#### Material Characteristics

PROPERTY	MICS22
Swell Factor at 20°C	1.11
Water Content at 20°C	22 %
Refractive Index at 20°C Hydrated	1.465
Refractive Index at 35°C Hydrated	1.463
Tensile Strength	3.9 MPa

Please note: These are typical values. Always check the certificate of compliance supplied with the goods for the actual values of the batch.

#### Reference

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