

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'.

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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Contamac Ltd
Carlton House, Shire Hill
Saffron Walden, Essex
CB11 3AU

T. +44 (0)1799 51480
E. sales@contamac.co.uk
www.contamac.com