

TECHNICAL DATA

MICS22 is a hydrophilic acrylic material customised for micro insertion IOLs. The stiffness of MICS22 allows for thinner IOL optics while maintaining compression forces.

MICS22 is 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

Water Content at
20°C by Weight (%)

22

Swell Factor at
20°C - Radial

1.11

Refractive Index at
20°C - Dry

1.51

Refractive Index at
20°C - Hydrated

1.465

Refractive Index at
35°C - Hydrated

1.465

10% Cut-Off
Wavelength (nm)

375

Please note: Some values may have been rounded for presentation purposes. Please contact your account manager for further details.