

TECHNICAL DATA

CI25 is a hydrophilic IOL material that is supplied in the dry state in the form of a blank. CI25 offers a reduced modulus and improved folding characteristics while retaining a controlled unfolding rate. When combined with suitable lens designs, smaller incision sizes are possible.

Engineered to high dimensional tolerance, the CI25 blanks are suitable for modern CNC lathing and milling equipment. The lens and optical surface must be lathed from the blank in the dry state. Once machined, the lens must be hydrated to attain its final properties and have a nominal water content of 25%. CI25 is recommended for heat sterilisation by autoclave.

Manufactured using Contamac's unique production technology ensures the material properties are consistent for repeatable and predictable results.

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

CI25

Water Content at 20°C by Weight (%)	25
Swell Factor at 20°C	1.12
Refractive Index at 20°C - Dry	1.51
Refractive Index at 20°C - Hydrated	1.460
Refractive Index at 35°C - Hydrated	1.458
10% Cut-Off Wavelength (nm)	375
Blue Light Absorber	Enquire

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