

TECHNICAL DATA

HI56

Special Attributes

HI56 has been specifically formulated to fulfil modern-day demands for a hydrophobic intraocular lens material that offers a unique combination of high refractive index, tensile strength and flexibility, for small incision and fast unfolding time. HI56 is a fully-moulded semi-finished product with a negative aspheric optic: the ideal solution to low-cost/high-volume hydrophobic IOLs.

Contamac also offer a one-side finished version, which helps reduce machining times while giving the laboratory the final choice in optical design.

Material Characteristics

PROPERTY	HI56
Water Content	<1%
Refractive Index at 20°C Hydrated	1.56
Refractive Index at 35°C Hydrated	1.555
Tensile Strength	3.8 MPa
Modulus	2.8 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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