

## Akreos® MICS™ IOL - The Vital Element for a Successful MICS™ Surgery

### 1.8 mm MICS™ Requires the Material Difference

- Akreos® MICS™ Lens is crafted from a Bausch + Lomb proprietary acrylic material
- The lens can be compressed easily to fit through a 1.8 mm incision

### 3-Dimensional Stability

- The innovative shape of the Akreos® MICS™ has been designed to optimise its post-operative behaviour in the capsular bag and to allow for the absorption of forces in 3 dimensions
- 360° posterior square edge barrier to prevent against PCO

### Quality of vision

- Akreos® Aspheric Abberation-Free
- Four-point fixation haptic design for optimal stability and centration in the capsular bag

## PRODUCT INFORMATION

### MATERIAL

- Hydrophilic Acrylic
- 26 % water content
- UV-blocker
- Refractive Index: 1.46

### DESIGN

- Monofocal Aberration-Free Aspheric Optic
- 360° posterior square edge
- 10° haptic angulation
- One-piece IOL with four-point fixation
- Orientation features to indicate the anterior side
- Optic diameter: 6.2 mm from 0.0 D to +15.0 D; 6.0 mm from +15.5 D to +22.0 D; 5.6 mm from +22.5 D to +30.0 D
- Overall diameter: 11.0 mm from 0.0 D to +15.0 D; 10.7 mm from +15.5 D to +22.0 D; 10.5 mm from +22.5 D to +30.0 D

### DIOPTER RANGE

- 0.0 D to +10.0 D in 1.0 D increments
- +10.0 D to +30.0 D in 0.5 D increments

### INJECTORS

- Viscoject™ BIO 1.8 LP604350C (10/box); Recommended incision size: 1.8 mm WAT
- Comport PLUS 1.8 INJRET18 (1/box); Recommended incision size: 1.8mm WAT

## CONSTANTS\*

- Immersion A-Scan or IOL Master: A-Constant: SRK/T: 119.1; ACD: 5.61; Surgeon Factor: 1.85; Haigis Constant:  $a^0$ : 1.49 /  $a^1$ : 0.40 /  $a^2$ : 0.10
- Applanation A-Scan: A-Constant: 118.4; ACD: 5.20; Surgeon factor: 1.45

\*Constants are estimates only. It is recommended that each surgeon develops their own values. Latest update: July 2018