



# CBJ 1.8

## TECHNICAL DATA

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INFORMATION



Linktree\*

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### MATERIAL TYPE

High-performance hydrophobic acrylic polymer

### KEY BENEFITS

- Shares the advanced performance characteristics of CBK with greater adaptability to various lens designs and surgical techniques
- Reduces protein and bacterial adhesion, helping limit post-operative complications
- Excellent optical stability, resistant to yellowing, with long-lasting transparency
- Higher UV filtration than CBK, improving visual comfort for sensitive patients
- Exceptional biocompatibility ensured by an exclusive purification process
- Minimal inflammatory response

### SURGICAL ADVANTAGES

- Flexibility and resilience for minimally invasive implantation
- Suitable for micro-incisions of 1.8 to 2.0 mm
- Optimal refractive index allowing thinner lens profiles with excellent visual outcomes

### CHARACTERISTICS

### GUARANTEED VALUES

<b>Blank Lightness / Color</b>	Transparent, Yellow
<b>Dissolved Organic Carbon*</b> (including Monomer residue)	< 500 ppm
<b>Refractive Index at 589 nm at 20 °C</b>	1,547 ± 0,002
<b>Refractive Index at 589 nm at 35 °C</b>	1,542 ± 0,002
<b>Diameter of frozen blanks on two meridians at 90°</b>	Min 14,80 mm & Max 15,25 soon available in 13 mm
<b>Thickness of frozen blanks</b>	Min 2,70 mm Max 3,50 mm
<b>Glass transition temperature</b>	Min 6,2 °C Max 12,0 °C (results from 1st scan)
<b>Transmission measured on blank immersed in brine</b>	≤ 10 % at 410 nm Between 30 % and 40 % at 450 nm ≥ 82.5 % at 550 nm

\*Measure performed on a water extract obtained after a 24h extraction of blanks sample.