



CBK 1.8

TECHNICAL DATA

FOR MORE
INFORMATION



Linktree*

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MATERIAL TYPE

High-performance hydrophobic acrylic polymer

KEY BENEFITS

- Reduces protein and bacterial adhesion, significantly lowering the risk of post-operative complications
- Exceptional long-term optical stability: high resistance to yellowing and lasting transparency
- Integrated UV filter for enhanced patient visual comfort
- Outstanding biocompatibility thanks to a unique polymer purification process
- Minimal inflammatory response and optimal compatibility with ocular tissues

SURGICAL ADVANTAGES

- Flexibility and resilience allow for minimally invasive implantation
- Suitable for micro-incisions of 1.8 to 2.0 mm
- Optimal refractive index enabling thinner lens designs without compromising visual quality

CHARACTERISTICS

GUARANTEED VALUES

Blank Lightness / Color	Transparent, Light
Dissolved Organic Carbon* (including Monomer residue)	< 500 ppm
Refractive Index at 589 nm at 20 °C	1,547 ± 0,002
Refractive Index at 589 nm at 35 °C	1,542 ± 0,002
Diameter of frozen blanks on two meridians at 90°	Min 14,80 mm & Max 15,25 soon available in 13 mm
Thickness of frozen blanks	Min 2,70 mm Max 3,50 mm
Glass transition temperature	Min 6,2 °C Max 12,0 °C (results from 1st scan)
Transmission measured on blank immersed in brine	≤ 5 % at 365 nm ≤ 10 % at 380 nm ≥ 80 % at ≥ 450 nm ≥ 85 % at ≥ 550 nm

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