



Acrygem 1

IOL hydrophobic material for micro-incision



**<10 seconds
unfolding**

**Ultra low
glistening**

**Ultra high
purity**

**Injectible by
1.8 mm
cartridge**

Available in 15 or 16 mm-diameter and 3-mm thick buttons

Lenses with your own design can be obtained by Cryo-lathing



Acrygem 1

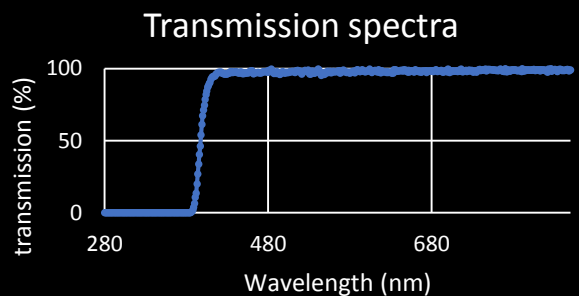
Technical specifications

Main physical properties

Lens Unfolding (19°C)	< 10 sec
Deformation resistance/compression tests (20°C)	> 500 %
Elastic module (19°C)	0,55 MPa
Tg by DSC	8 °C

General Optical properties

Refractive index (35°C)	1,542
UV Cut-off	390 nm



Ultra Low Glistening properties

Acrygem I*



Commercial lens*



Ultra High Purity Properties

Extractibles**

< 1000 ppm extractibles

* Comparative aging test in 35°C water – picture after 2000 hours

** After solvent extraction at 45°C during 10 days

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