

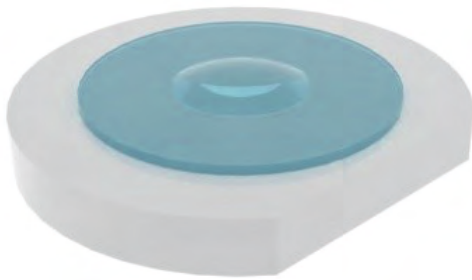
HYDROPHOBIC

IOLSTAR HYDROPHOBIC PRE MOULDED OPTIC READY PRODUCTS For IOL MANUFACTURERS

The IOLSTAR hydrophobic is a unique raw material for the IOL industry that is supplied in a semi-finished format with two finished optics and an unfinished haptic zone.

Products are cast in high precision optical molds by using a photo-polymerization process. Optics do not need any additional polishing, and with a high quality end milling process, the haptics are also polish free.

The IOLSTAR hydrophobic material has been used by leading IOL industry competitors since 2005 and implanted over 6,000K. The material has a high refractive index, compression and fast unfolding time.



| PROPERTIES | VALUES |
|----------------------------------|---|
| REFRACTIVE INDEX DRY (21°C) | 1,51 |
| REFRACTIVE INDEX HYDRATED (21°C) | 1,51 |
| ABBE NUMBER (35°C) | 40 |
| WATER CONTENT BY WEIGHT | <0,5 % |
| MONOMER RESIDUALS | 0,0 % with soxhlet extraction process (done in customer site) ** |
| 10% UV CUT-OFF WAVELENGTH | 379nm |
| UV TRANSMISSION (300-380NM) | 0.5% |
| VISIBLE TRANSMISSION (380-800NM) | >96% |
| DELIVERY | 96 Units in 1 Blister |
| POWER RANGE | 10,00-35,00 Dpt |

* **Naturel yellow is also available.**

** **Soxhlet extraction equipment and process are supplied by IOLStar.**

CONTACT

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