

## TECHNICAL DATA

### OPTIMUM INFINITE

#### Special Attributes

Introducing Optimum Infinite, a gas permeable (GP) material with a unique combination of oxygen permeability and flexural modulus. Optimum Infinite has a hyper oxygen permeability value of 180Dk and a high flexural modulus of 1341MPa, defying the high-Dk-low-flexural modulus convention. This breakthrough was motivated by the requirements raised for a dedicated scleral material at several laboratory panel and Key Opinion Leader meetings. Optimum Infinite is FDA cleared for a full range of indications and its excellent surface wettability can be further enhanced through the use of Tangible Hydra-PEG coating.

**Please Note:** Regulatory requirements and standards vary from country to country, and are constantly evolving. As a global company we want to be sure we provide you with detailed technical information, specific to your market, where appropriate, rather than using the condensed and simplified technical information on the website. If you need to use technical data for quality paperwork, or for a regulatory submission, please contact your account manager to obtain this precise and detailed information to support your regulatory requirements, we will be happy to help.

#### Material Characteristics

PROPERTY	OPTIMUM INFINITE
USAN	Tisilfocon A
Oxygen Permeability (ISO) at 35°C (barrers)	180
Flexural Modulus (MPa)	1341 MPa
Refractive Index	1.44
Shore D Hardness	81
Specific Gravity	1.20
Handling Tints	Blue, Ice Blue, Clear, Green
UV Blocker (Class II)	Included

Please note: Some values may have been rounded for presentation purposes. Please contact your account manager for further details.

#### Reference

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