

# Lagado Premium Lens Materials

## Delivering Innovation, Quality and Value

Lagado's premium fluoro-silicone-acrylate (FSA) products are a major improvement over the previous generation of silicone-acrylate (SA) and first generation FSA materials. Lagado's expertise in fluoromonomers has further extended the oxygen permeability (Dk) of these materials without compromising other critical material performance features. Lagado's range of innovative premium materials are formulated to address lens design performance requirements as well as surface characteristics designed to meet patient comfort needs.



### FLOSI

Formulated with the highest percentage of fluoromonomer and a unique combination of wetting agents, **FLOSI** offers superior deposit resistance, rigidity, stability and exceptional comfort by enabling a consistently wettable lens surface.

FLOSI is especially recommended for patients with deposit problems or specialty lens designs requiring low lens flexure.

#### SPECIFICATIONS:

<b>Oxygen Permeability (Dk):</b>	26
<b>Refractive Index:</b>	1.430
<b>Wetting Angle:</b>	23°
<b>Hardness (Shore)</b>	D/86
<b>Specific Gravity:</b>	1.270

**Stock Colors:** medium and dark shades of blue, green, gray and brown; violet and clear; with or without a UV absorber

### ONSI-56

**ONSI-56** is Lagado's flagship product with proven performance in maximizing on-eye lens comfort. Two independent published studies\* have found ONSI-56 lenses are statistically more comfortable than comparable FSA lenses. ONSI-56 has increasingly become the material of first choice as both a problem solver in overcoming lens comfort issues and as a problem preventer by offering patients excellent oxygen delivery and a superior hydrophilic surface.

#### SPECIFICATIONS:

<b>Oxygen Permeability (Dk):</b>	56
<b>Refractive Index:</b>	1.452
<b>Wetting Angle:</b>	7.2°
<b>Hardness (Shore)</b>	D/86
<b>Specific Gravity:</b>	1.206

**Stock Colors:** medium and dark shades of blue, green, gray and brown; violet and clear; onzure (blue-violet); with or without a UV absorber

### TYRO-97

To meet the increased demand for specialty large diameter and scleral lens designs, **TYRO-97** was formulated with high oxygen permeability, rigidity and a hydrophilic surface. Tyro-97 lenses combine the best possible balance of wettability, comfort and high oxygen permeability. Lenses can be made in spherical, aspheric, toric and bifocal configurations. Practitioners prefer TYRO-97, because it offers greater rigidity and lower flexibility compared to other high Dk materials.

#### SPECIFICATIONS:

<b>Oxygen Permeability (Dk):</b>	97
<b>Refractive Index:</b>	1.440
<b>Wetting Angle:</b>	<25°
<b>Hardness (Shore)</b>	D/83
<b>Specific Gravity:</b>	1.087

**Stock Colors:** medium and dark shades of blue, green, gray and brown; violet and clear; tyreen (blue-green); with or without a UV absorber

Recommend the innovation, quality and value of Lagado premium lens materials.

#### For more information, contact:

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