

TRIOLOGY™

The Tri-Performance Lens Material



Introducing Trilogy, the revolutionary new lens material from Younger Optics. The Trilogy lens material offers a unique combination of superior optics, maximum impact resistance and ultra-light weight that's second to none. This new lens material is now available in aspheric single vision and the Image Progressive design. You can surface the lens to a 1.0 mm center thickness and still be more impact resistant than polycarbonate.

	Trilogy	Polycarbonate	CR-39
ABBE Value	45	31	58
Scratch Resistance (tumble test)	0.6	0.2	1.0
Impact resistance (@ 1.0 mm)	Pass FDA	Pass FDA	Fail
Z-87.1 (Draft) Impact Resistance	Pass	Pass	Fail
Specific Gravity	1.11	1.20	1.32
Refractive Index	1.53	1.59	1.50
Chemical Resistance	Good	Poor	Good
Ease of Surfacing	Excellent	Average	Very Good
Tint Rate	Very Fast	Average	Fast
Typical Center Thickness	1.0	1.5	2.0

Trivex is a lens material that is developed by PPG, a partner company that owns half of Transitions Optical. They will be partnering with Younger to manufacture these new lenses that are called Trilogy. . We look forward to more lens designs, including Transition latter this year and early in 2002. We will let you know about exact lens styles and the true performance of these lenses when they first become available.

