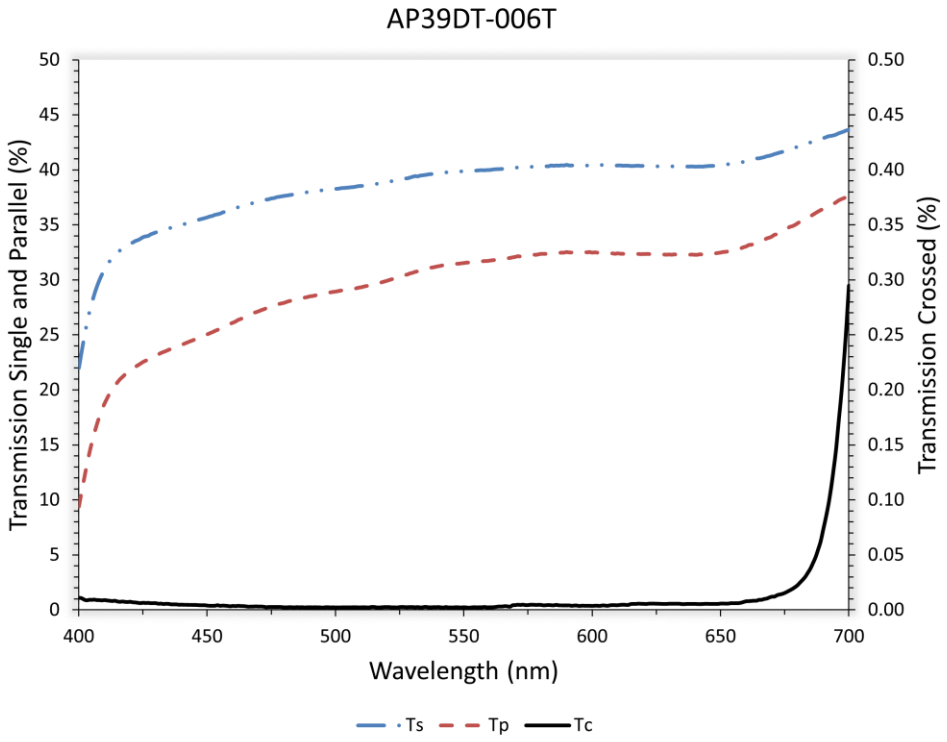
Linear Polarizers

Uses:

Linear polarizers are used in a wide variety of applications. A linear polarizer is an excellent solution in applications that require glare reduction due to reflected light. A linear polarizer can also be used to modulate the intensity of a light source. By placing two polarizers over top of each other and rotating one against the other, one can control the intensity of transmitted light.

Data:

Product Code	**AP39DT-006T**
Description	Dye-Type Linear Polarizer
Thickness	0.006 ± 0.0015"
Substrate	Cellulose Triacetate (CTA)
Front Finish	Smooth, Uncoated
Back Finish	Smooth, Uncoated
Transmission Single	39 ± 2% (400-700nm)
Transmission Parallel (Double Pass)	30% (400-700nm)
Transmission Crossed	0.01 (400-700nm)
Efficiency	≥99.9%
Extinction Ratio	2500 : 1
Hue a	-1.5 ± 2.0
b	5.0 ± 2.0
Heat Resistance	105°C x 1000h x Dry
Cold Resistance	-40°C x 1000h
Humidity Resistance	80°C x 500h x 90%RH



Other Options:

Other Substrates: Acrylic and Glass.

Other Coatings: Acrylic Laminate: Clear hard coating, Anti-reflective
Glass Laminate: Anti-Reflective