APNCP42-008T-STD Circular Polarizer Film

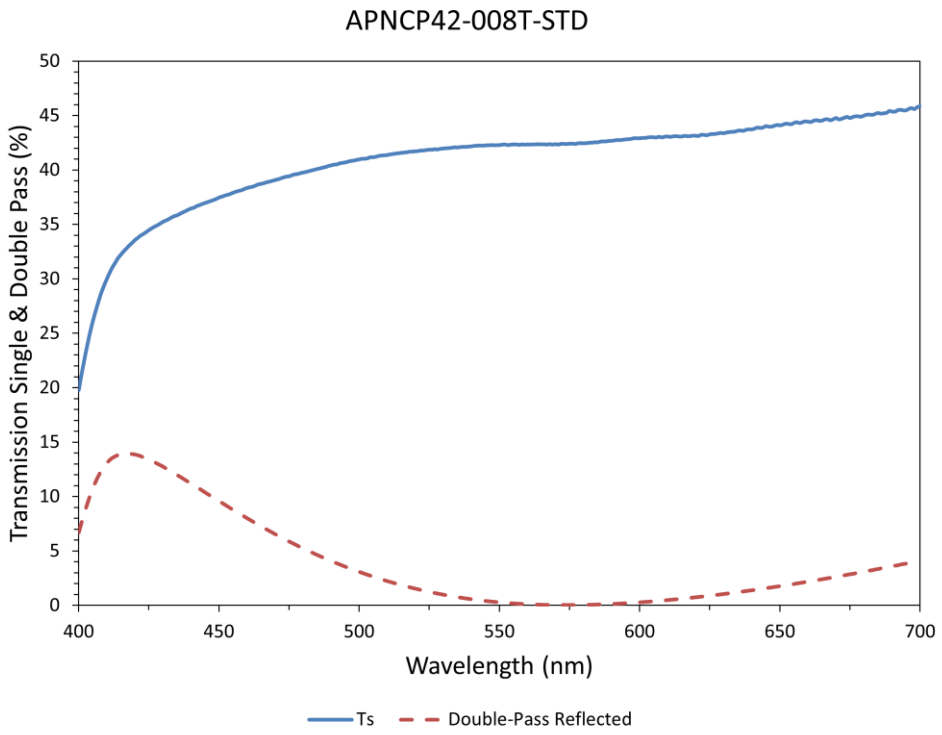
Uses:

Circular polarizers are used in camera, video, and sensor applications. Circular polarizers are commonly used in 3D applications as an alternative to linear polarizers for passive systems.

A circular polarizer can also be used to improve the viewability of emissive displays. In bright environments, electro-luminescent (EL), field emissive displays (FED), cathode ray tube (CRT), light emitting diode (LED) and organic light emitting diode (OLED) benefit greatly from the use of a circular polarizer.

Data:

Product Code	**APNCP42-008T-STD**
Description	Circular Polarizer
Thickness	0.008" ± 0.003"
Substrate	Cellulose Triacetate (CTA)
Front Finish	Smooth, Uncoated
Back Finish	Smooth, Uncoated
Transmission Single	42 ± 3% (400-700nm) (42% @ 560nm)
Transmission Double Pass Reflected	4% (400-700nm) (0.1% @ 560nm)
Circular Polarizer Efficiency @ 560nm	99.7%
OPD	140nm
Extinction Ratio (Linear Component)	8000 : 1
Heat Resistance	80°C x 500h x Dry
Cold Resistance	-30°C X 500h
Humidity Resistance	60°C x 500h x 90%RH



Options:

Substrates: Acrylic
Glass

Coatings: Acrylic: Clear hard coating, Anti-reflective
Glass: Anti-reflective