



Consolite Technology Data Sheet

Material Ref: CTL-R157

Function: NVIS Class A Polymer, P31 CRT Display, AR coated

Description

The filter material provides Class A compliance with MIL-STD-3009 for NVIS Radiance when used with a CRT display based on a P31 phosphor.

The material is a polymer absorption filter, designed to maximise photopic transmission, optimising daylight readability. It has an anti-reflection coating on one face.

Applications include aircraft cockpit and vehicle instrument displays.

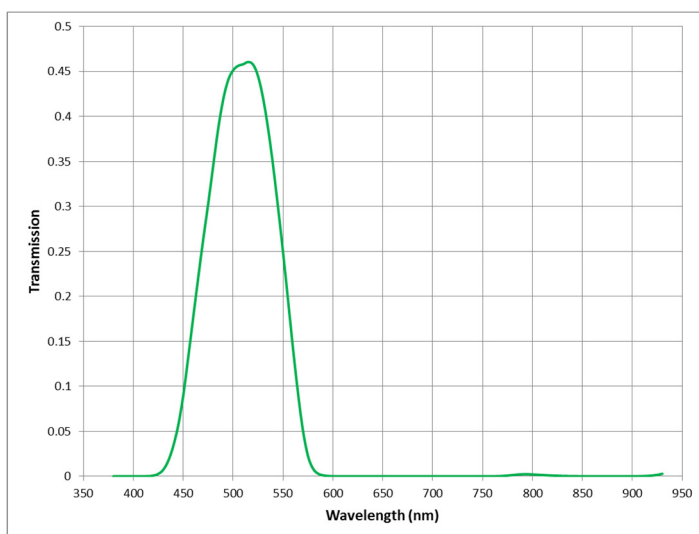
Nominal thickness: 2.5mm

Performance

Indicative performance figures below are quoted for CTL-R157 in combination with a typical P31 CRT display, and may vary.

	NR _A @ 0.5fL	Chromaticity		Photopic transmission
		u'	v'	
P31	< 1.7E-10	.064	.558	32%

Spectral Transmission



Chromaticity Coordinates, White (CIE 1976)

