

Consolite Technology Data Sheet

Material Ref: CTL-R061

Function: NVIS Class A Polymer, P31 CRT Display

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.

Applications include aircraft cockpit and vehicle instrument displays.

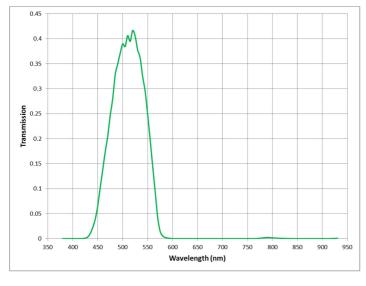
Nominal thickness: 2.5mm

Performance

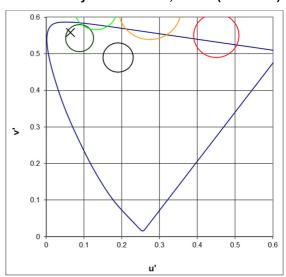
Indicative performance figures below are quoted for CTL-R061 in combination with a typical P31 CRT display, and may vary.

	NR _A @ 0.5fL	Chromaticity		Photopic
		u'	v'	transmission
P31	< 1.7E-10	.064	.558	30%

Spectral Transmission



Chromaticity Coordinates, White (CIE 1976)



Consolite Technology Limited, St. Martins Business Park, Bells Lane, Zeals, Wiltshire, BA12 6LY, UK

Tel: +44 (0)1747 840900 Fax: +44 (0)1747 841500

e-mail: sales@consolite.co.uk Web: www.consolite.co.uk Issue: 2