

DYED FILM / OC™110

CPFilms optically clear (OC™110) indium tin oxide (ITO) coating on blue dyed polyester films. On request, OC110 is available on other specialty substrates and colors.

Substrate (PET) Properties

PROPERTIES	TYPICAL VALUES	TEST METHODS
PET Thickness	0.5 thru 10 Mil	Micrometer
Shrinkage Value (%) MD/TD	Standard = 0.9/0.3 Heat Stabilized=0.2	150°C / 30mins
VLT (%)	PET = 88 Blue Dyed PET = 63	Hazegard Plus
Haze (%)	0.9	Hazegard Plus
PET Scratches	≤ 1/2 mil wide by 1/4" long	Microscope
Dimples	≤ 1/32" in height or depth and < 1/2 mil in diameter	Microscope
PET Gauge Variation	≤ 6 microns variation	Micrometer

OC110 Properties

Properties	Typical Values	Test Methods
Resistance (ohms/sq.)	110	CPFilms
VLT (%)	57	Hazegard Plus
Color b	-8.1	Hunterlab
Adhesion (R/Ro)	1.1	CPFilms
Abrasion (R/Ro)	1.1	CPFilms
Heat test (R/Ro)	1.1	150°C / 1 hr
Humidity (R/Ro)	1.1	60°C / 95% R.H. 24 hrs

Note: Transmittance and resistance values depend on the base film. The above values are typical of OC110 product on optical grade polyester, but are not intended to be specifications. Data are typical values and not absolute.

Availability

For price and availability information, please contact our Sales Department. Evaluation samples and technical support are available.

Note: To the best of our knowledge, all information contained in this document is accurate. However, CPFilms does not assume liability whatsoever for the accuracy or completeness of the information contained herein.

An ISO 9001 Registered Company