

OC™70

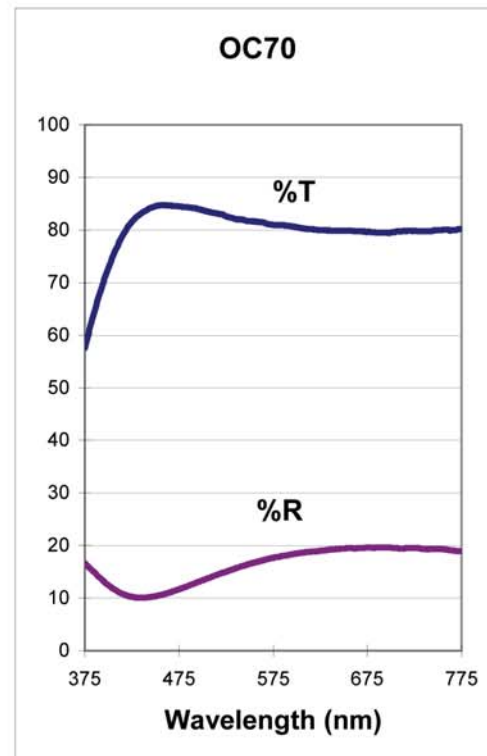
CPFilms optically clear (OC™70) indium tin oxide (ITO) coating on polyester films. On request, OC70 is available on other specialty substrates.

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 (%)	88	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

OC70 Properties

Properties	Typical Values	Test Methods
Resistance (ohms/sq.)	70	CPFilms
VLT (%)	80	Hazegard Plus
Color b	-1.0	Hunterlab
WVTR (gm/m ² /day)	0.04	Mocon Permatran-W
Adhesion (R/Ro)	1.05	CPFilms
Abrasion (R/Ro)	1.05	CPFilms
Heat test (R/Ro)	0.96	150°C / 30 min.
Humidity (R/Ro)	0.96	60°C / 95% R.H. 24 hrs



Availability

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

Note: Transmittance and resistance values depend on the base film. The above values are typical of OC70 product on optical grade polyester, but are not intended

to be specifications. Data are typical values and not absolute. 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.

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