

OC™ 50

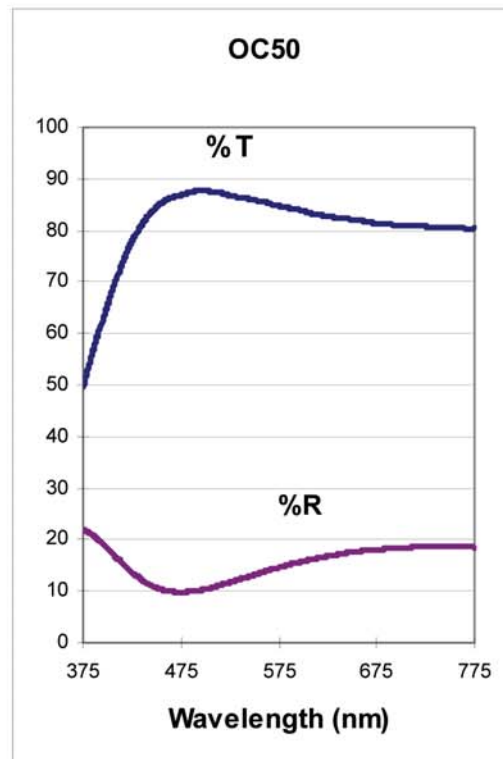
CPFilms optically clear (OC™50) indium tin oxide (ITO) coating on polyester films. On request, OC50 is available on other specialty substrates.

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 |

OC50 Properties

| Properties | Typical Values | Test Methods |
|-------------------------------|----------------|------------------------|
| Resistance (ohms/sq.) | 50 | CPFilms |
| VLT (%) | 85 | Hazegard Plus |
| Color b | 2.2 | Hunterlab |
| WVTR (gm/m ² /day) | 0.035 | Mocon Permatran-W |
| Adhesion (R/Ro) | 1.02 | CPFilms |
| Abrasion (R/Ro) | 1.02 | CPFilms |
| Heat test (R/Ro) | 0.95 | 150°C / 30 min. |
| Humidity (R/Ro) | 0.95 | 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 OC50 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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