

LR30

LR30 is CPFilms' low resistance optically clear transparent conductive coating on polyester films. On request, LR30 is available on other specialty substrates.

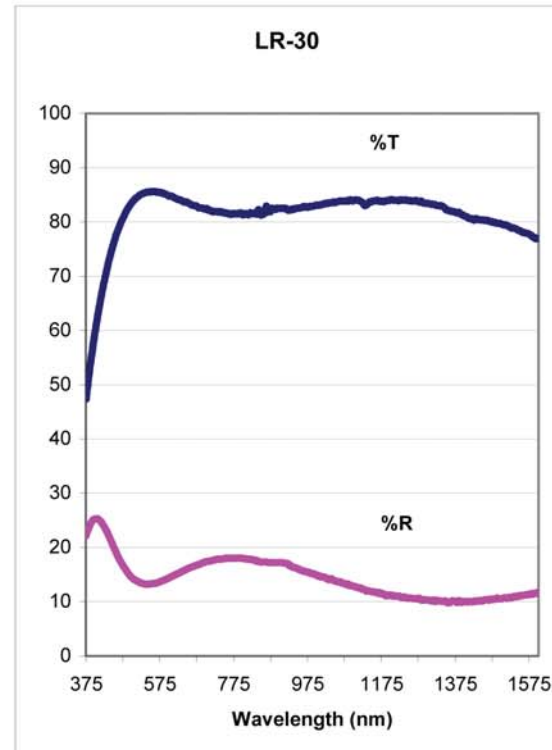
Substrate (PET) Properties

PROPERTIES	TYPICAL VALUES	TEST METHODS
PET Thickness	0.5 to 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

LR30 Properties

Properties	Typical Values	Test Methods
Resistance (ohms/sq.)	30	CPFilms
VLT (%)	86	Hazegard Plus
Color b	5.0	Hunterlab
WVTR (gm/m ² /day)	0.10	Mocon Permatran-W
Adhesion (R/Ro)	1.1	CPFilms
Abrasion (R/Ro)	1.1	CPFilms
Heat test (R/Ro)	1.1	150°C / 30 min.
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 LR30 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.

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