

WP280 RETARDER



The WP280 is a highly transparent optical retarder for the visible spectrum. With this retarder the input linear polarized light is rotated by 90°. It is a half wave retarder for 560nm.

Application areas:

- Circular polarizer
- Polarization state inversion

Specification	Unit	Value
Retardation	nm	280 +/-5nm
Range of use	nm	560
Transmission	%	>90
Haze	%	<0.3

Dimension	Thickness	Characteristics
600 mm x 500 mm	62 µm	Polymer film
300 mm x 300 mm	62 µm	Polymer film

Resistance	Unit	Value
Heat resistance	°C x hours	80x1,000
Cold resistance	°C x hours	-30x1,000
Humidity resistance	°C x hours	60x90% RHx1,000
Retardation variance	nm	<+/-4
Range of use	°C	from -30 to +80

Custom sizes available on demand.

The direction of polarization is parallel to the fast axis.

Protective films on both sides should be removed before using the polarizers within your application.

We reserve the right to change the technical specifications at any time.