

TECHSPEC®

## 200 x 200mm Linear Polarizing Film (XP42-18)



Stock **#86-181** CLEARANCE 3-5 DAYS

- 1 +

A\$116.72

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| Qty 1+    |
| A\$116.72 |

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**Extinction Ratio:**  
9000:1 (nominal at 555nm)

**Substrate:** [Polymer Film XP42-18](#)

**Operating Temperature (°C):**  
-40 to +80

**Dimensions (mm):**  
200.0 x200.0

**Thickness (mm):**  
0.19 ±0.03

|                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Transmission (%)</b> :<br>Single: 42<br>Parallel: 36<br>Crossed: <0.004 (nominal at 555nm)                                                                                                                                                    |
| <b>Type</b> :<br>Linear Polarizer                                                                                                                                                                                                                |
| <b>Dimensional Tolerance (mm)</b> :<br>±2.0                                                                                                                                                                                                      |
| <b>Construction</b> :<br>Polarizing Film                                                                                                                                                                                                         |
| <b>Note</b> :<br>Polarization axis can be identified as follows:<br>Circular Parts - Parallel to direction of notch on polarizer<br>Square Parts - Parallel to mark on protective film<br>Rectangular Parts - Parallel to first listed dimension |
| <b>Wavelength Range (nm)</b> :<br>400 - 700                                                                                                                                                                                                      |
| <b>Polarization Efficiency (%)</b> :<br>>99.98 (nominal at 555nm)                                                                                                                                                                                |
| <b>Heat Resistance (°C x Hours)</b> :<br>80 x 500                                                                                                                                                                                                |
| <b>#Sorting</b> :<br>16.00                                                                                                                                                                                                                       |

Regulatory Compliance

|                                                             |
|-------------------------------------------------------------|
| <b>RoHS 2015</b> :<br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance</b> :<br><a href="#">View</a> |
| <b>Reach 235</b> :<br><a href="#">Contains SVHC(s)</a>      |