

TECHSPEC®

## 25mm Dia. Linear Polarizing Film (XP42-75)



Stock **#19-016** CLEARANCE 10 TO 12 DAYS

-

1

+

₹866.00

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| Qty 1+  |
| ₹866.00 |

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Diameter (mm):  
25.00

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

Substrate: [Polymer Film XP42-75](#)

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

Thickness (mm):  
0.77 ±0.08

|                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Transmission (%)</b> :<br>Single: 42 ±2<br>Parallel: 36.4<br>Crossed: <0.004 (nominal at 555nm)                                                                                                                                               |
| <b>Type</b> :<br>Linear Polarizer                                                                                                                                                                                                                |
| <b>Dimensional Tolerance (mm)</b> :<br>+0.0/-0.3                                                                                                                                                                                                 |
| <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>Transmission Variance after 1000 Hours (%)</b> :<br><±5                                                                                                                                                                                       |
| <b>#Sorting</b> :<br>27.00                                                                                                                                                                                                                       |

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="#">Compliant</a>             |