

COATING PRODUCT #22101

ZINC SULFIDE ANTI-REFLECTION COATING

Description

This efficient anti-reflection coating for ZnS optimizes transmittance in the 8-12 micron spectral region

Spectral Performance

Substrate: 0.040" ZnS, coated both sides

Spectral region: 8.0-11.5 microns

Product Specifications:

$T_{av} \geq 95\%$ (through both surfaces)

$R_{av} \leq 0.5\%$ (per surface)

Typical Performance:

$T_{av} \geq 96\%$ (through both surfaces)

$R_{av} \leq 0.4\%$ (per surface)

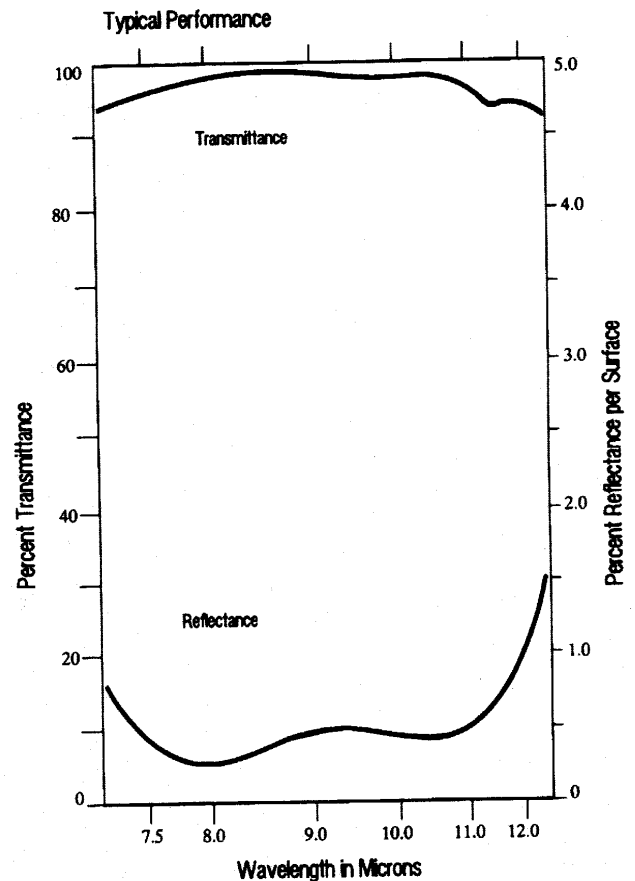
Quality Standards

This coating shall meet the quality requirements of MIL-C-675, MIL-STD-810, MIL-M-13508, MIL-F-48616, and MIL-C-48497 where applicable.

Environmental Performance

Coatings are produced to meet the following test criteria:

Test Available	Test Method
Adhesion	Cellulose tape test
Abrasion	Cheesecloth test
Humidity	24 hours at 120° F, 95-100% RH



Coatings are tested to ensure specification compliance and certification can be provided. Customer specified lot-testing is available upon request. For additional information please contact us at 951-926-7666 or opticalsystems.sales@ii-vi.com

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