

COATING PRODUCT #40102

GERMANIUM AR BROADBAND COATING

Description

This broadband anti-reflection coating for Ge exhibits Excellent transmittance characteristics in the entire Region from 2.5 to 14 microns.

Spectral Performance

Substrate: 0.040" Ge, coated both sides

Spectral region: 3-12 microns

Product Specifications, Standard:

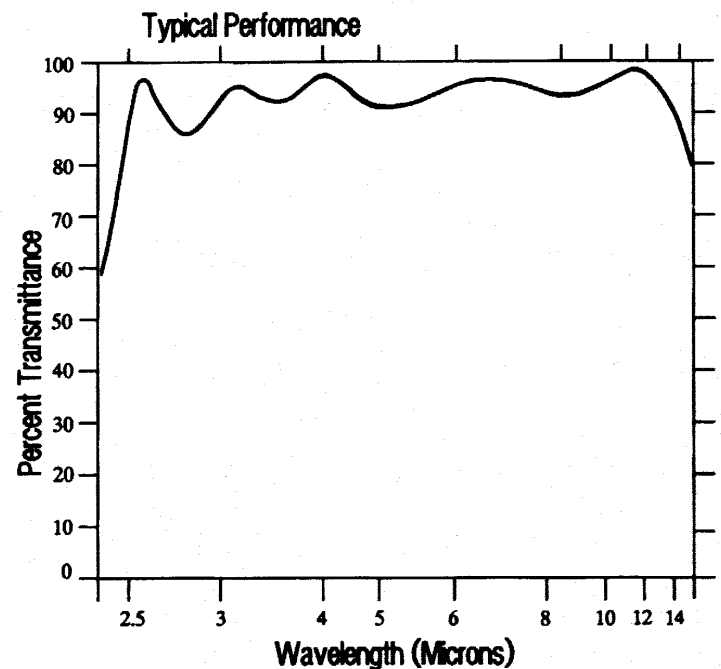
Tav \geq 94% (through both surfaces)

Typical Performance, Standard:

Tav \geq 95% (through both surfaces)

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

Adhesion

Test Method

Cellulose tape test

Abrasion

20-cycle eraser 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 email us at opticalsystems.info@ii.vi.com.

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