



## COATING PRODUCT #34206

### SILICON BROADBAND AR COATING

#### Description

This durable anti-reflection coating exhibits excellent transmittance over the 3.5 - 5 micron spectral region

#### Spectral Performance

**Substrate:** 0.040" Si, Coated both sides  
**Spectral region:** 3.5 - 5 microns

#### Product Specifications:

Tav  $\geq$  98% (through both surfaces)  
 Rav  $\leq$  0.5% (per surface)

#### Typical Performance:

Tav  $\geq$  99% (through both surfaces)  
 Rav  $\leq$  0.2% (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

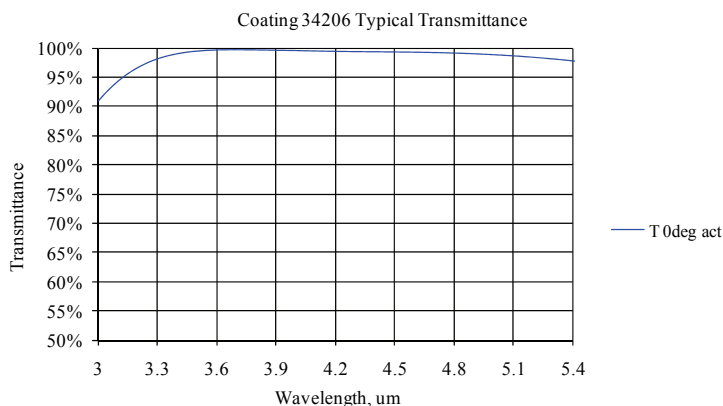
Coatings are produced to meet the following test criteria:

#### Test Available

Adhesion  
 Severe Abrasion  
 Humidity  
 Salt Spray (fog)  
 Salt Solubility

#### Test Method

Cellulose tape test  
 20 cycle eraser test  
 24 hours, 10 days or 28 days at 120° F, 95-100% RH  
 ASTM B117-73 for 24 hours  
 24 hour salt solution



**Coatings are tested to ensure specification compliance and certification can be provided. Customer specified lot-testing is available upon request. Please contact an EEO sales engineer for additional information.**

