

data sheet

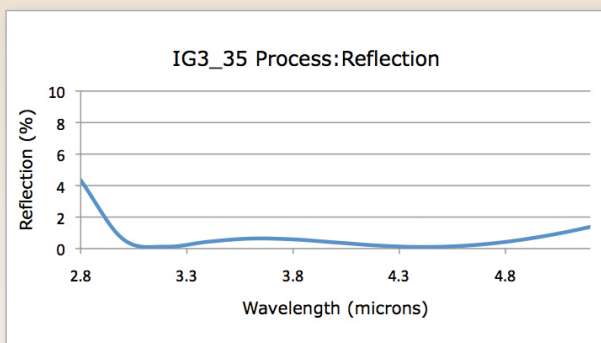


Process IG3_35

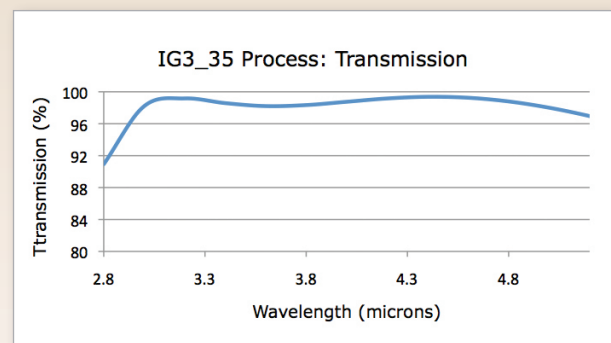
Description

This coating is a high efficiency anti reflection coating on IG3 chalcogenide glass covering the 3-5 μm range. It does not contain any radioactive materials.

Spectral Performance



T>98% ave for 3.0-5.0 μm
(coated both sides on a 1mm thick witness)



R< 0.6% ave for 3.0-5.0 μm
(per surface)

Environmental Testing

This coating will pass the following tests.

Tape Adhesion	Ref MIL-C-48497 paragraph 4.5.3.1
Humidity (24 Hrs)	Ref MIL-C-48497 paragraph 4.5.3.2
Abrasion (Cheesecloth)	Ref MIL-C-48497 paragraph 4.5.3.3

The coating can also be cleaned with standard solvents such as IPA and acetone with no affect on performance.