

data sheet

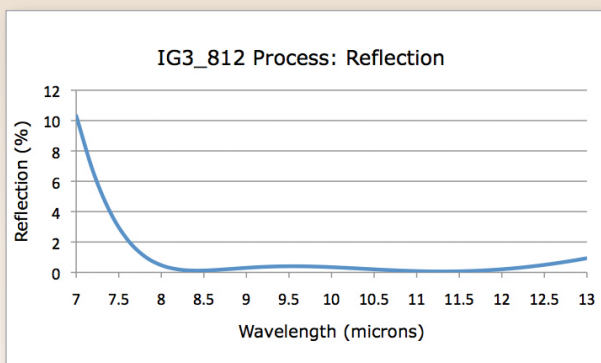


Process IG3_812

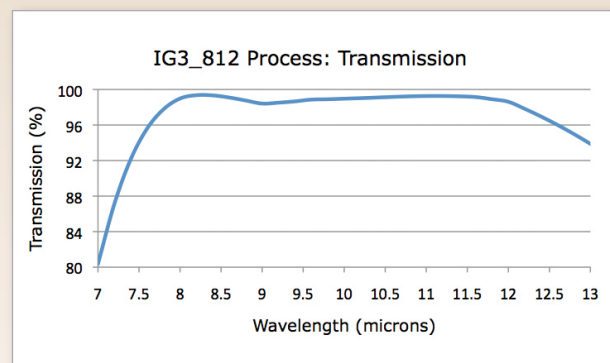
Description

This coating is a high efficiency anti reflection coating on IG3 chalcogenide glass covering the 8-12 μm range. It does not contain any radioactive materials.

Spectral Performance



T>98% ave for 7.8-11.5 μm
(coated both sides on a 1mm thick witness)



R< 0.6% ave for 7.8-11.5 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.