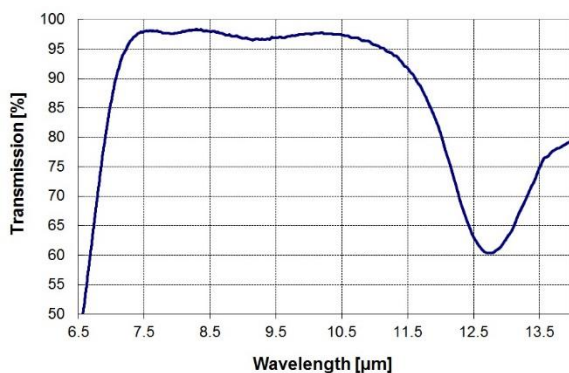


JENODUR 426

Broadband Antireflection Coating for IR on Chalcogenide IG5

Transmission curve



Optical properties

Rave (8,0 – 12,0 µm) < 0,5 %

Typical Data for transmission (both sides coated witness piece):

Tave (8,0 – 12,0 µm) > 95,5 %

Applications

- Durable broadband antireflection coating
- Tested on 1mm thick coated witness pieces
- For IG5 windows and lenses
- Spectral range from 7,0 to 14,0 µm
- Angle of incidence: 0°

Durability

Adhesion: MIL-C-48497A / section 4.5.3.1
 Humidity: MIL-C-48497A / section 4.5.3.2
 Abrasion resistance: MIL-C-48497A / section 4.5.3.3
 Temperature change: MIL-C-48497A / section 4.5.4.1
 Solvent resistance: MIL-C-48497A / section 4.5.4.2

Substrate material

Chalcogenide glass IG5

Special features

This coating is absolutely free of any radioactive material. Please contact us if you need another wavelength range or angle of incidence.