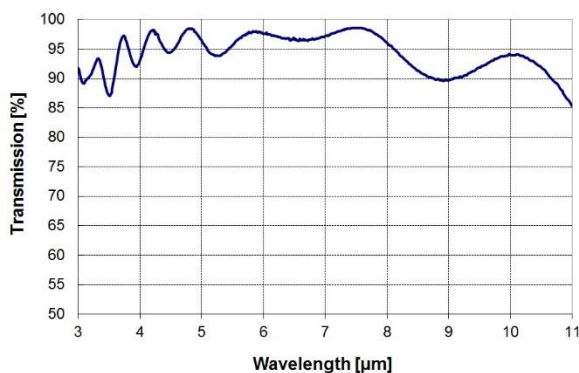


JENODUR 425

Dualband Antireflection Coating MWIR - LWIR

Transmission curve



Optical properties

Tave (3,0 – 5,5 μm) > 93,0 %
 Tabs (3,0 – 5,5 μm) > 85,0 %

Tave (7,5 – 10,0 μm) > 92,0 %
 Tabs (7,5 – 10,0 μm) > 85,0 %

Applications

- Durable dualband antireflection coating
- Tested on 1mm thick coated witness pieces
- For Germanium windows and lenses
- Spectral range from 3,0 to 10,0 μm
- Angle of incidence: 0 – 15 °

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
 Solvent resistance: MIL-C-48497A / section 4.5.4.2

Substrate material

Germanium

Special features

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