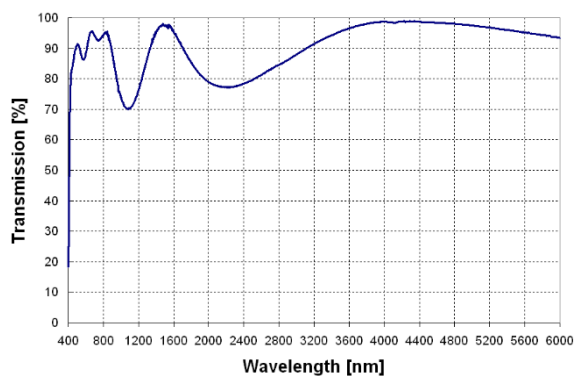


JENODUR 420

Triple Band Antireflection Coating for VIS – NIR - MWIR

Transmission curve



Optical properties

Tave (420 – 500 nm) \geq 85,0 %
 Tave (500 – 700 nm) \geq 88,0 %
 Tave (700 – 900 nm) \geq 90,0 %
 Tabs (1550 nm) \geq 90,0 %
 Tave (3800 – 5500 nm) \geq 96,0 %

Applications

- Triple band antireflection coating for VIS, NIR, MWIR
- Tested on 1mm thick coated witness pieces
- For ZnS windows and lenses
- 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

Substrate material

Zinc Sulfide

Special features

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