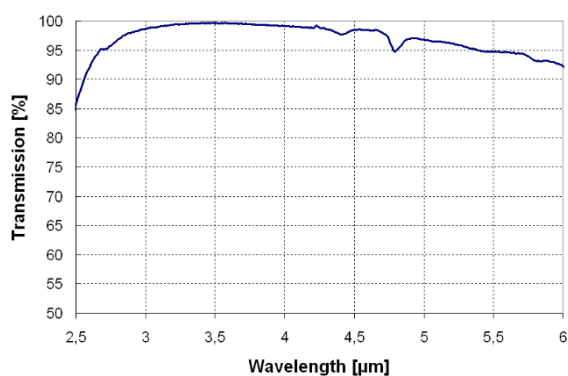


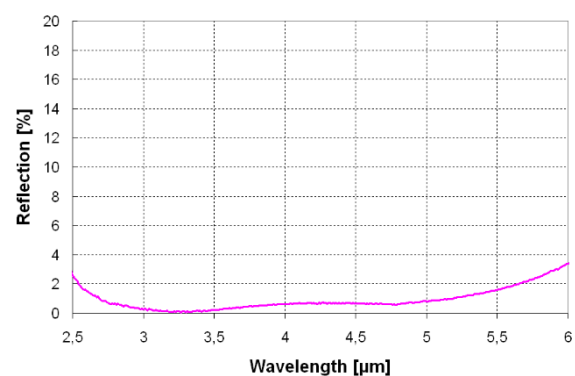
JENODUR 404/006

Broadband Antireflection Coating for IR on Silicon

Transmission curve



Reflection curve



Optical properties

Rave (3,0 – 5,8 µm) ≤ 1,0 %

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

Tave (3.0 – 5,8 µm) ≥ 97,5%

Applications

- Durable broadband antireflection coating
- Tested on 1mm thick coated witness pieces
- For Silicon windows and lenses
- Spectral range from 3,0 to 5,8 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
 Temperature change: MIL-C-48497A / section 4.5.4.1
 Solvent resistance: MIL-C-48497A / section 4.5.4.2

Substrate material

Silicon

Special features

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