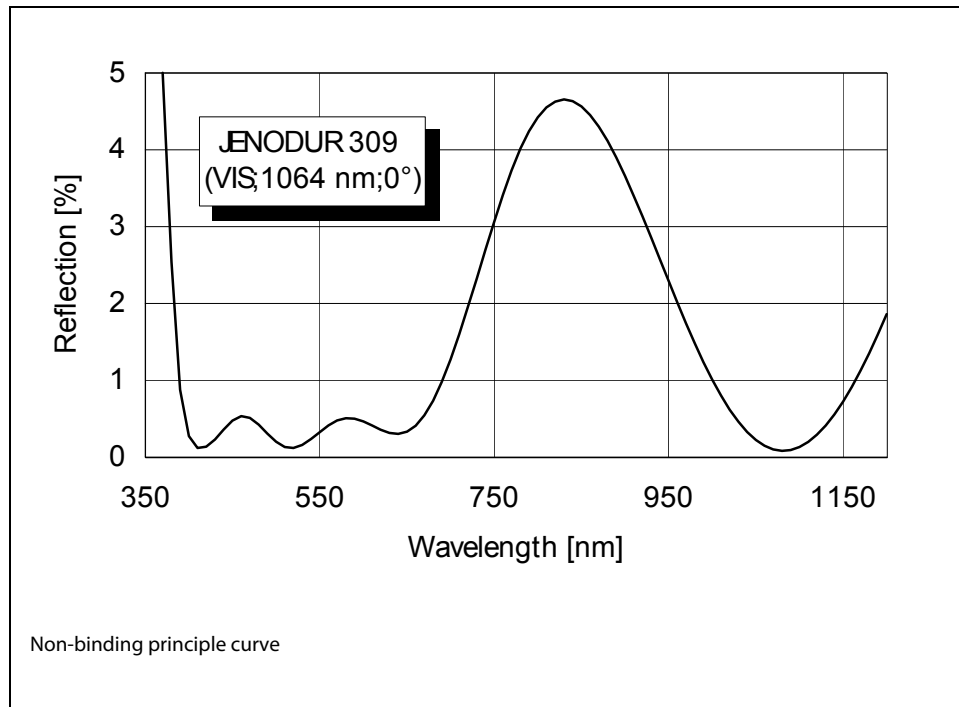


JENODUR 309

Multiple Range Antireflection Coating



AR - Coating for
VIS/NIR

Optical properties:

$R < 0,3 \%$ at the desired laser wavelength

$R_{\text{AVE}} < 0,5 \%$ in the desired wavelength range (VIS)

Applications:

JENODUR 309 is an antireflection coating for a laser wavelength in the NIR range (904, 1064 or 1543 nm) with a good transmission in the VIS or another spectral range.

Durability:

Adhesion: MII- C- 48497A, section 4.5.3.1

Humidity: MII- C- 48497A, section 4.5.3.2

Abrasion resistance: MII- C- 48497A, section 4.5.5.1

Temperature change: MII- C- 48497A, section 4.5.4.1

Solvent resistance: MII- C- 48497A, section 4.5.4.2

Substrate material:

BK7 and other optical glasses

Special features:

Antireflection for additional laser wavelengths is possible on request.

Issue:

August 96

Doc-No.:

dur 309-99-14-0896-en

Ordering code:

JENODUR 309 (wavelength range, wavelength, angle of incidence)