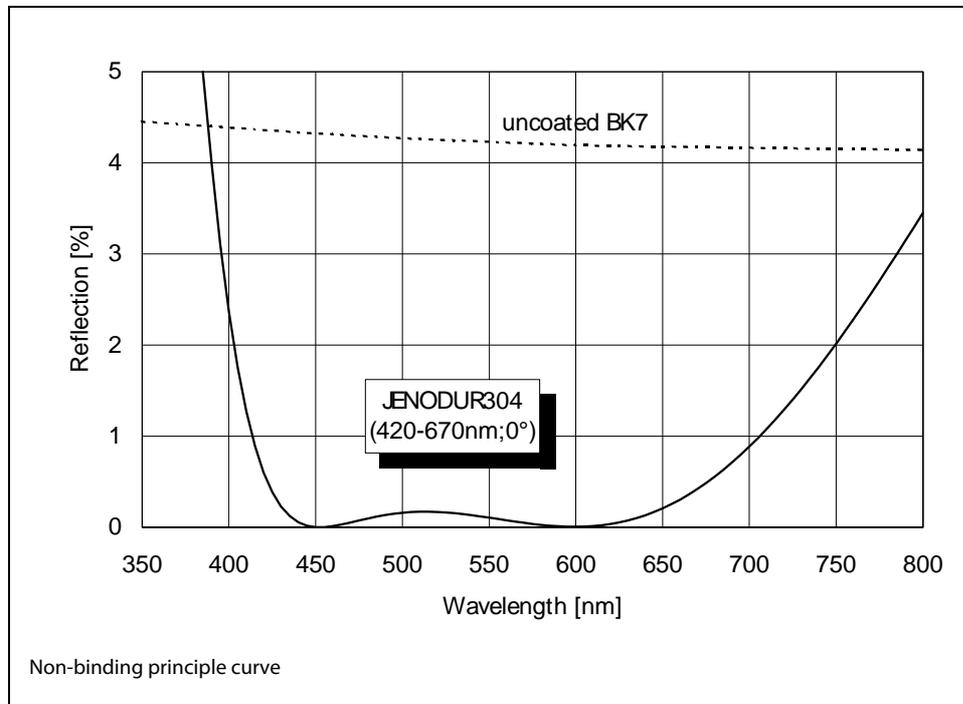


JENODUR 304

Multilayer Antireflection Coating



AR - Coating for VIS/NIR

Optical properties:

- $R_{abs} \leq 0.5\%$ per surface at 0° angle of incidence
- $R_{avg} \leq 0.3\%$ per surface at 0° angle of incidence
- $R_{abs} \leq 1.0\%$ per surface at 45° angle of incidence
- The bandwidth for $R_{abs} \leq 0.5\%$ is $\lambda_1/\lambda_2 = 1.6$.

Applications:

- JENODUR 304 is a convenient standard broadband antireflection coating for visible light.
- Because of its favourable properties it is used with the specified bandwidth in the wavelength range from 395 nm to 1650 nm.
- The angle of incidence is 0° or 45° .

Durability:

- Humidity: MIL-C-675 C / section 4.5.8
- Abrasion resistance: MIL-C-675 C / section 4.5.11
- Adhesion: MIL-C-675 C / section 4.5.12
- Temperature change: MIL-C-48497A / section 4.5.41
(tested on BK7 and quartz glass substrates)

Substrate material:

- Transparent optical glass with $1.45 < n < 1.9$ and quartz glass.
- Please, indicate the type of substrate or its refractive index.

Special features:

- Other specification on request.

Issue:

June 96

Doc-No.:

dur304-99-14-0696-en

Ordering code:

JENODUR 304 (wavelength range; angle of incidence)