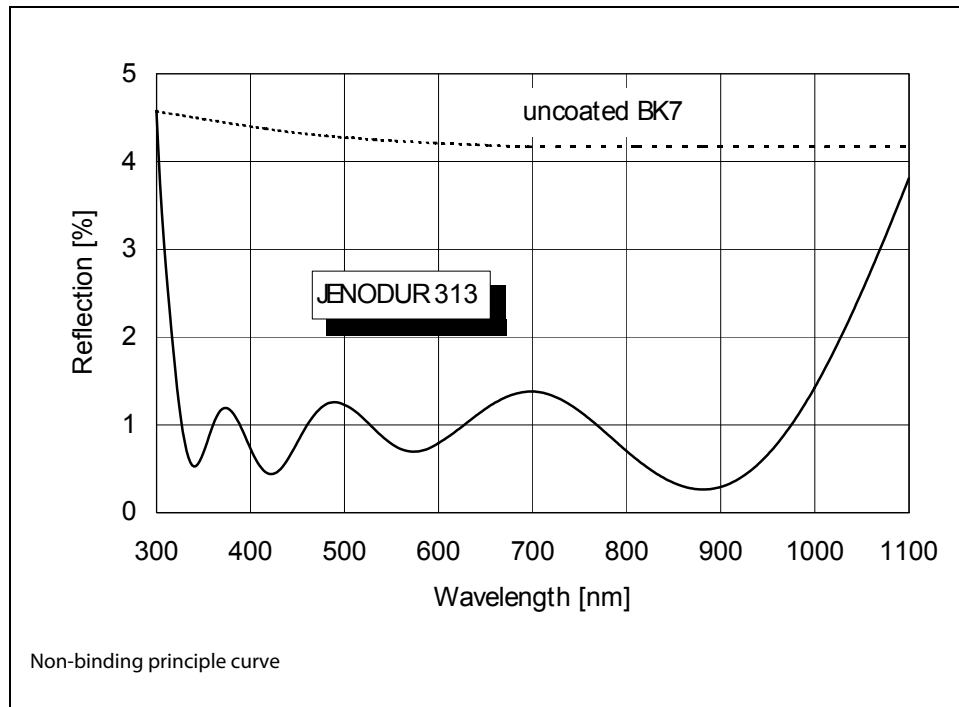


JENODUR 313

Super Broadband Antireflection Coating



AR - Coating for UV/VIS/NIR

Optical properties:

$R_{avg} \leq 1.2\%$ per surface
for $325\text{ nm} \leq \lambda \leq 1000\text{ nm}$ and 0° angle of incidence

Applications:

JENODUR 313 is a convenient super broadband antireflection coating for visible light from the UV to the NIR.

It includes the hole range of sensitivity of silicon receivers.

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

(Tested on BK7 and quartz glass substrates.)

Substrate material:

Transparent optical glass with $1.43 < n < 1.62$, quartz glass, and calcium fluoride.

Please, indicate the type of substrate or its refractive index.

Special features:

Please contact us if you need an other wavelength range or an other angel of incidence.

Issue:

January 96

Doc-No.:

dur313-99-14-0196-en

Ordering code:

JENODUR 313