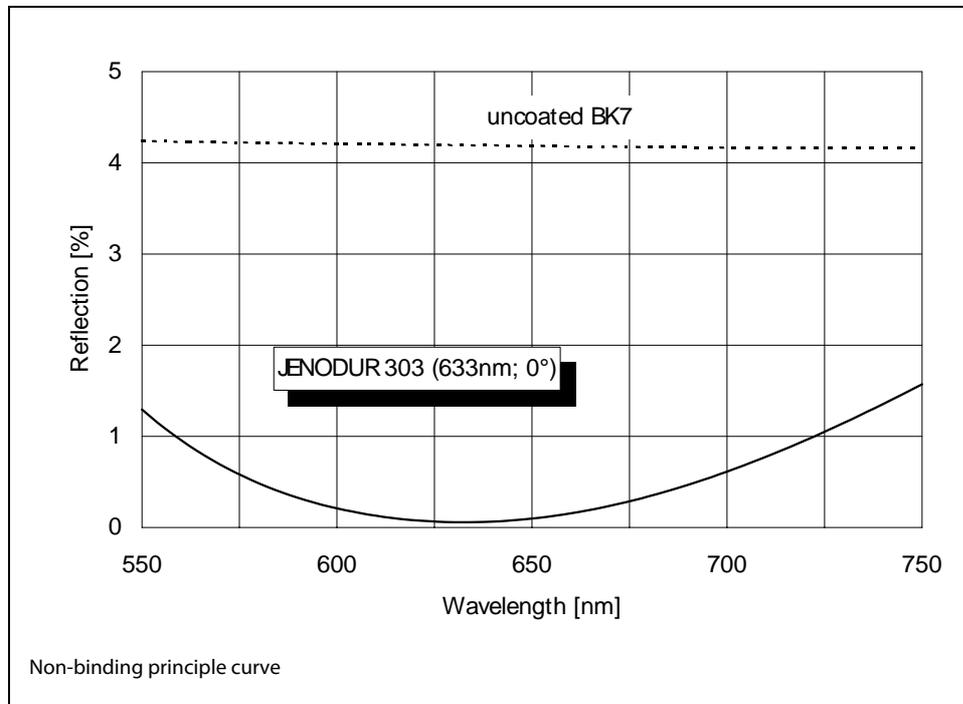


# JENODUR 303

## Double Layer Antireflection Coating



### AR - Coating for VIS/NIR

#### Optical properties:

(at the design wavelength)

$R < 0,3 \%$  for each substrate surface  
at  $0^\circ$  angle of incidence

The bandwidth for  $R_{abs} < 1 \%$   
is 20 % of the design wavelength

$R < 0,7 \%$  for each substrate surface  
at  $45^\circ$  angle of incidence

#### Applications:

Antireflection V - coating for laser applications  
in the wavelength range from 400 to 1200 nm.

Standard wavelengths are:  
488 nm, 514 nm, 532 nm, 633 nm, 1064 nm.

The angle of incidence is  $0^\circ$  or  $45^\circ$ .

#### 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 4.5.4.1

Solvent resistance: MIL-C-48497A / section 4.5.4.2

(tested on BK7 and quartz glass substrates)

#### Substrate material:

Transparent optical glass with  $1.45 < n < 1.8$ .

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

#### Special features:

This coating is extremely hard and low-loss.

Please contact us if you need a defined transmission or  
reflection at any additional wavelength.

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#### Ordering code:

JENODUR 303 (wavelength; angle of incidence)