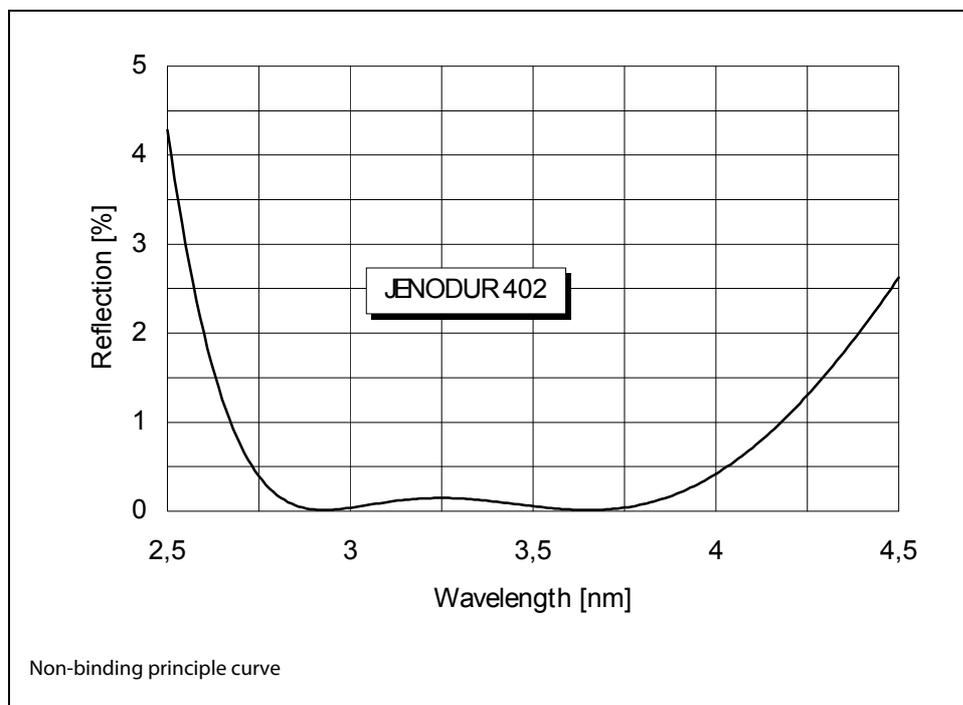


JENODUR 402

Broadband Antireflection Coating for CaF₂ Substrates



AR - Coating
for IR

Optical properties:

$T_{\text{ava}} > 98.5\%$ from 2.8 μm to 3.9 μm
(1 mm thick both sides coated witness piece)

$R_{\text{ava}} < 0.3\%$ per surface from 2.8 μm to 3.9 μm

Applications:

This broadband antireflection coating is a durable multilayer AR coating for CaF₂ windows and lenses which use the spectral range from 2.8 μm to 3.9 μm .

Durability:

Humidity: MIL-F-48616 / section 4.6.8.2

Moderate abrasion: MIL-F-48616 / section 4.6.8.3

Temperature: MIL-F-48616 / section 4.6.9.1

Adhesion: MIL-C-675C / section 4.4.6

Water solubility: MIL-F-48616 / section 4.6.10.3

Substrate material:

CaF₂

Special features:

This coating is hard and very durable.

Other specifications are possible on request.

Issue:

November 96

Doc-No.:

dur402-99-14-1196-en

Ordering code:

JENODUR 402