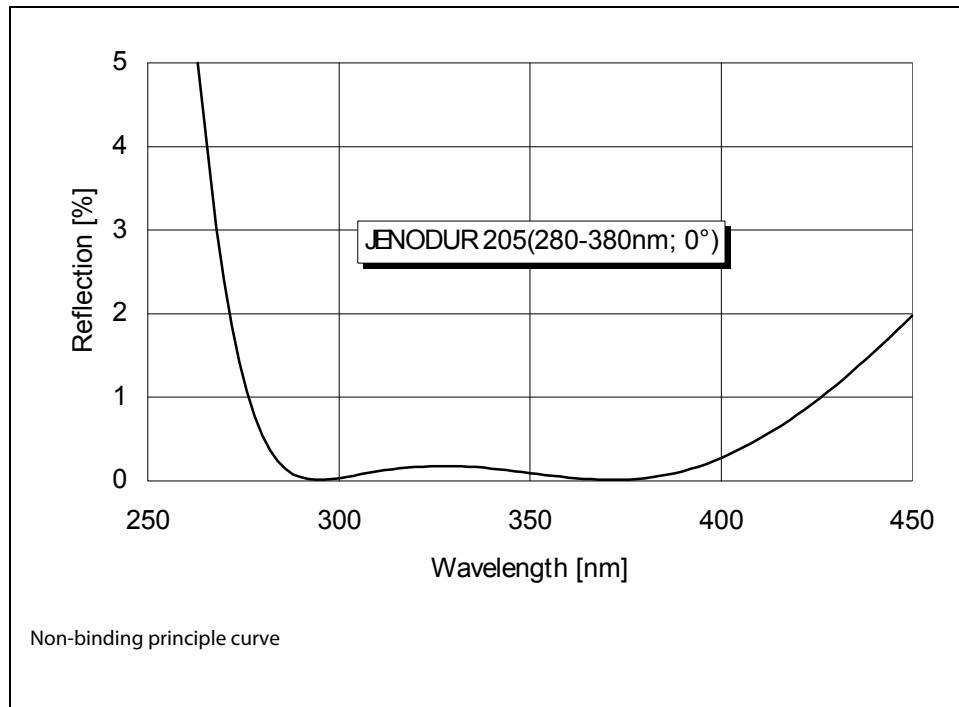


JENODUR 205

Multilayer Antireflection Coating

AR- Coating for UV



Optical properties:

$R < 0.5\%$ for each substrate surface
at 0° angle of incidence in the AR-band

$R < 1.0\%$ per substrate surface
at 45° angle of incidence (unpolarized light)
in the AR-band

Applications:

Antireflection coating with a band - width of about
100 nm in the range from 240 to 450 nm

Angle of incidence: 0° to 45°

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 4.5.5.1

Temperature change: MIL-C-48497A / section 4.5.4.1

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

Salt spray test: MIL-C-675C /section 3.8.3

Boiling test: DIN 58 196, part 2, sect. 5.1/C5

Substrate material:

Fused silica (SQ1 or Suprasil 1)

Special features:

This is a low - loss and extremely hard coating.

Issue:

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Ordering code:

JENODUR 205 (wavelength range; angle of incidence)