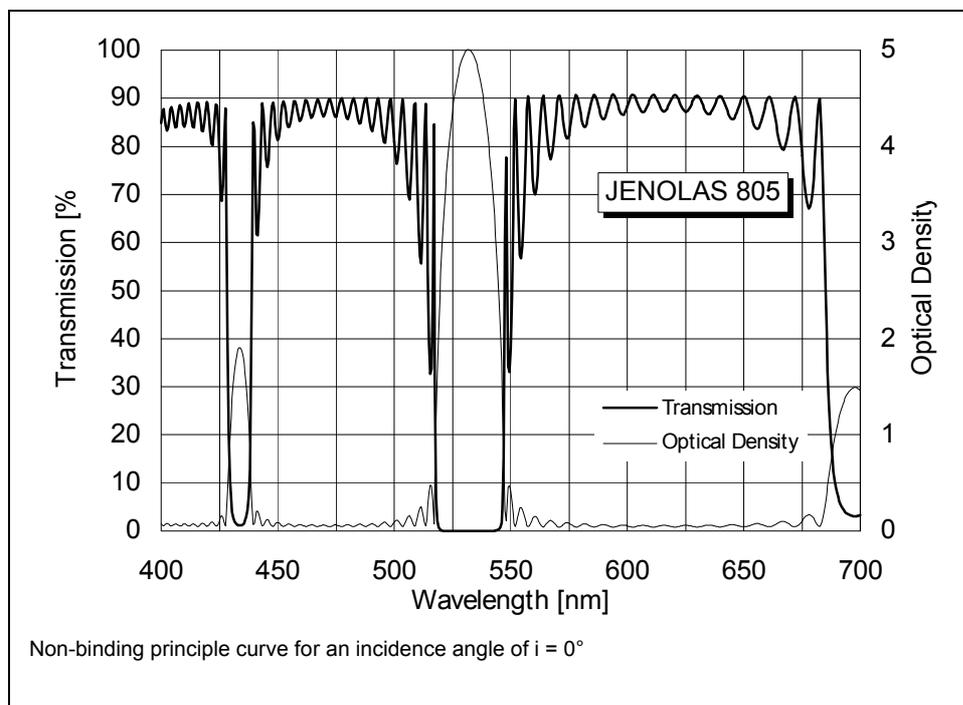


JENOLAS 805

Laser Protection Coating for 532 nm



Laser Protection Filter

Optical properties:

OD > 4 (equal to $T < 1 \times 10^{-4}$) for 532 nm
 Bandwidth < 40 nm
 (parallel polarised light and $0^\circ \leq i \leq 10^\circ$)

Applications:

JENOLAS 805 protects the eye or the receiver against damaging by laser radiation and is optimized to have only a small reflection band around 532 nm.

The coating has an optimised transparency in the visible range and negligible colour distortion.

It can be used e.g. for goggles as well as on windows and lenses.

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

Substrate material:

The coating can be applied on BK7 and floatglass.

Other materials are possible on request.

Issue:

January 98

Doc-No.:

las805-99-14-0198-en

Ordering code:

JENOLAS 805