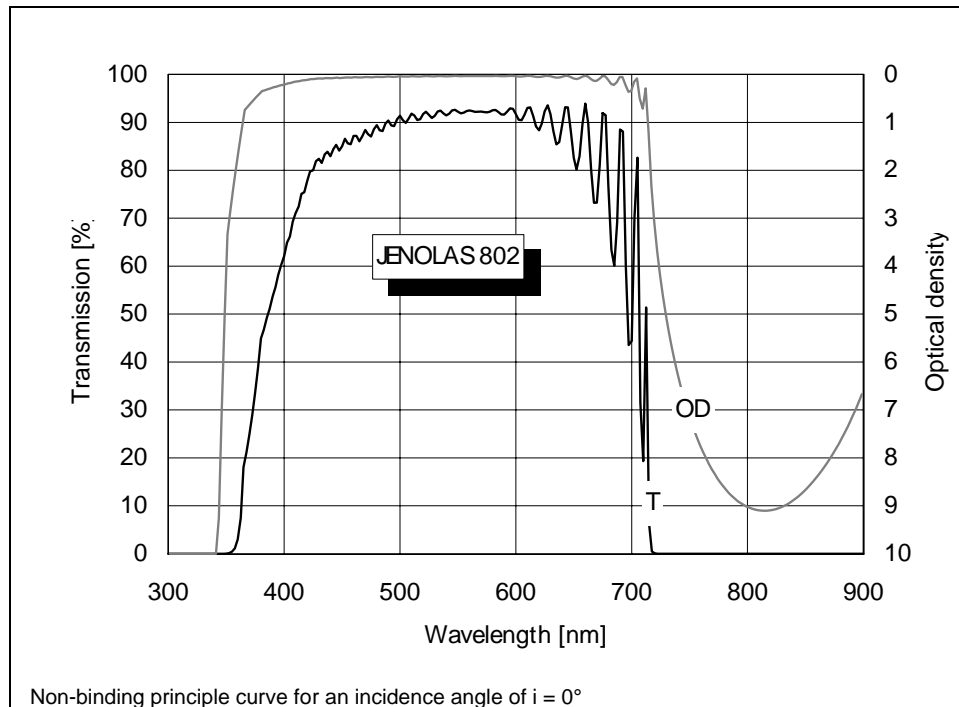


JENOLAS 802

Laser Protection Coating for 730 nm - 850 nm



Laser Protection Filter

Optical properties:

OD > 3 (equal to $T < 10^{-3}$) for $730 \text{ nm} \leq \lambda \leq 850 \text{ nm}$
 OD > 4 (equal to $T < 10^{-4}$) for $745 \text{ nm} \leq \lambda \leq 845 \text{ nm}$
 (parallel polarised light and $0^\circ \leq i \leq 30^\circ$)

Applications:

JENOLas 802 protects the eye or the receiver against damaging by laser radiation.

The coating has a high transmission 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, floatglass and KG filterglass.

Other materials are possible on request.

Issue:

December 95

Doc-No.:

las802-99-14-1295-en

Ordering code:

JENOLAS 802