

Lens: **SINTER@APX LENS GRD BROWN_7527/03.QUARZ.IT** Code:

Lens Type: **Gradient UV 400** Color: **Brown** Lens material: **Thermoplastic Resin**
 Spherical power: **0±0,06 D** Astigmatic power: **< 0,06 D** Prismatic power: **< 0,12 cm/m**

Transmittance Properties Tested according to:

ISO STANDARD ISO 12312-1:2013 + amd1:2015

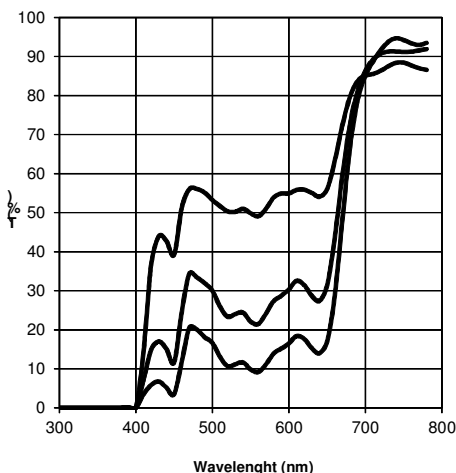
AMERICAN STANDARD ANSI Z80.3-2018 (Centre)

| | Top | Bottom | |
|---|-----------------------------------|---------------|-------------|
| Luminous Transmittance Tv(%): | 13 | 52 | |
| Filter Category: | 2 (center) | | |
| Description: | General purpose sunglasses | | |
| Tsub (280-315nm) | 0,0% | 0,0% | |
| Tsuva UVA (315-380nm) | 0,0% | 0,0% | Pass |
| Tsuv (280-380nm) | 0,0% | 0,0% | |
| Blue Light Tsb (380-500nm) | 10% | 44% | |
| Tmin (475-650nm) | 0,69Tv | 0,94Tv | Pass |
| Recognition of signal lights and colours | | | |
| Red Q factor: | 1,46 | 1,09 | Pass |
| Yellow Q factor | 1,10 | 1,02 | Pass |
| Green Q factor | 0,90 | 0,98 | Pass |
| Blue Q factor | 1,16 | 1,01 | Pass |
| PE: | | | |

| | | |
|--------------------------------------|------------------------|-------------|
| Luminous Transmittance (%): | 29 | |
| Primary function: | General purpose | |
| Average UVB (290-315nm) | 0.0% | Pass |
| Average UVA (315-380nm) | 0.0% | Pass |
| Traffic Signals Transmittance | | |
| Red signal transmittance | 34% | Pass |
| Yellow signal transmittance | 28% | Pass |
| Green signal transmittance | 25% | Pass |
| Tmin (475-650nm) | 0,69Tv | Pass |
| Color Distortion | | |
| D65 | Pass | |
| Yellow | Pass | |
| Green | Pass | |

AUSTRALIAN STANDARD AS 1067.1-2016

| | Top | Bottom | |
|---|-------------------|---------------|-------------|
| Luminous Transmittance Tv(%): | 13 | 52 | |
| Filter Category: | 2 (center) | | |
| Description: | Sunglasses | | |
| Tmax UVB (280-315nm) | 0,0% | 0,0% | Pass |
| Tsub (280-315nm) | 0,0% | 0,0% | |
| Tmax UVA (315-350nm) | 0,0% | 0,0% | Pass |
| Tsuva UVA (315-400nm) | 0,0% | 0,0% | Pass |
| Tsuv UV (280-400nm) | 0,0% | 0,0% | |
| Blue Light Tsb (380-500nm) | 10% | 44% | |
| Tmin (475-650nm) | 0,69Tv | 0,94Tv | Pass |
| Recognition of signal lights and colours | | | |
| Red Q factor: | 1,46 | 1,09 | Pass |
| Yellow Q factor | 1,10 | 1,02 | Pass |
| Green Q factor | 0,90 | 0,98 | Pass |
| Blue Q factor | 1,16 | 1,01 | Pass |



This filter meets the requirements of the above standards with the exception specified in the table on the right (if indicated). It is also in conformity with the (EU) 2016/425 regulation requirements.

RESULTS

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|--|-------------|
| ISO STANDARD ISO 12312-1:2013 | Pass |
| Filter Category: 2 (center) | |
| AMERICAN STANDARD ANSI Z80.3-2018 | Pass |
| Primary function: General purpose | |
| AUSTRALIAN STANDARD AS 1067.1-2016 | Pass |
| Type: Sunglasses | |