



Do B-15



3. Results of inspection :

1) American National Standard ANSI Z80.3-2001 : Clause 4.6-Transmittance Properties

Inspection item		No. Do-B15	Judgment (General purpose)
Luminous transmittance τ_v		24.9 %	Pass
Mean transmittance	UVB(290-315nm)	0.0 % (0.000 τ_v)	Pass
	UVA(315-380nm)	0.0 % (0.000 τ_v)	Pass
Color limits	Yellow traffic signal	X 0.59 Y 0.41	Pass
	Green traffic signal	X 0.25 Y 0.45	Pass
	Average daylight(D65)	X 0.38 Y 0.38	Pass
Traffic signal transmittance	Red signal	32.4 %	Pass
	Yellow signal	29.1 %	Pass
	Green signal	22.1 %	Pass
Spectral transmittance(500-650nm)		17.5 % (0.703 τ_v)	Pass

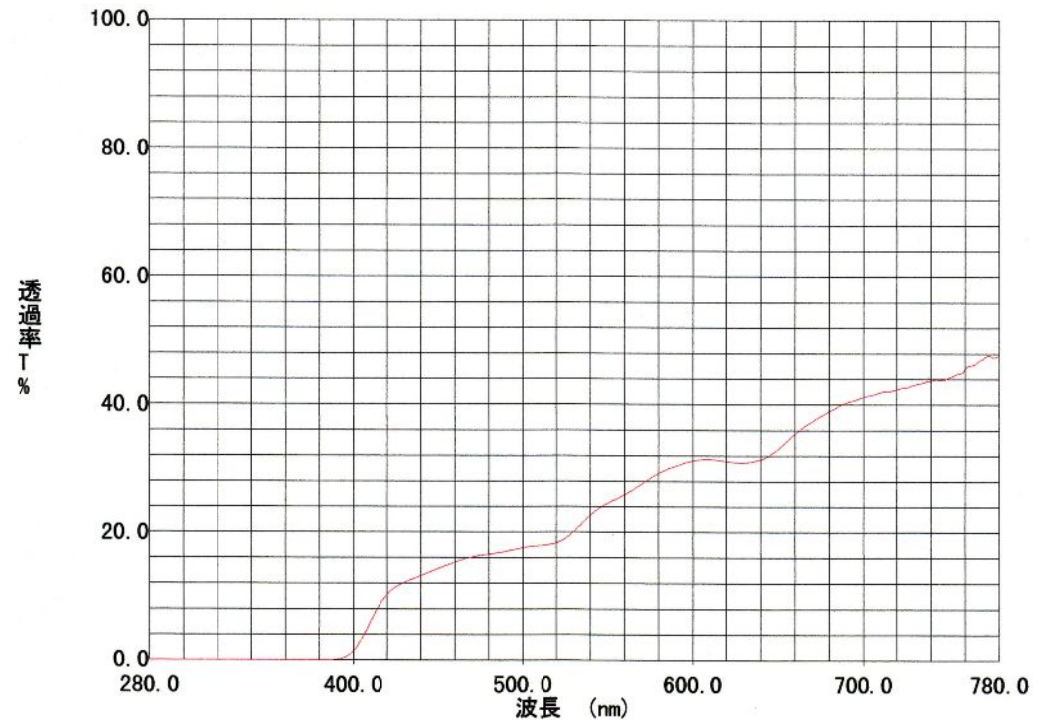
2) European Standard EN 1836-2005 : Clause 4.1.3.2-Requirements for road use and driving

Inspection item	No. Do-B15	Judgment
τ_v (D_{65})	24.8 %	Pass
Filter category	—	2
τ_F (280-315nm) MAX	0.0 % (0.000 τ_v)	Pass
τ_F (315-350nm) MAX	0.0 % (0.000 τ_v)	Pass
τ_{SUVVA} (315-380nm)	0.0 % (0.000 τ_v)	Pass
τ_F (500-650nm) MIN	17.5 % (0.706 τ_v)	Pass
Red signal light Q	31.7 % (1.278 τ_v)	Pass
Yellow signal light Q	29.2 % (1.177 τ_v)	Pass
Green signal light Q	22.0 % (0.887 τ_v)	Pass
Blue signal light Q	21.0 % (0.847 τ_v)	Pass

3) Australian/New Zealand Standard AS/NZS 1067-2003 :

Clause 2.1-Transmittance requirements and lens categories

Inspection item	No. Do-B15	Judgment
τ_v (D_{65})	24.8 %	Pass
Lens category	—	2
τ_F (280-315nm) MAX	0.0 % (0.000 τ_v)	Pass
τ_F (315-350nm) MAX	0.0 % (0.000 τ_v)	Pass
τ_{SUVVA} (315-400nm)	0.1 % (0.004 τ_v)	Pass
τ_F (450-650nm) MIN	14.2 % (0.573 τ_v)	Pass
Red signal light Q	31.7 % (1.278 τ_v)	Pass
Yellow signal light Q	29.2 % (1.177 τ_v)	Pass
Green signal light Q	22.0 % (0.887 τ_v)	Pass
Blue signal light Q	21.0 % (0.847 τ_v)	Pass



DO-B15

Applicant : INUI LENS CO., LTD.

Sample : Uncut plastic polarized sunglass lens only. No.Do B15
(ϕ 72mmxt2.2mmx6R)

Date : Feb. 19, 2008

Measuring Instrument : Spectrophotometer UV-3100PC(Shimadzu Corporation)