

3. Results of inspection :

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

Inspection item		No. Do-Grey	Judgment (General purpose)
Luminous transmittance τ_v		17.1 %	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 0.58 Y 0.42	Pass
	Green traffic signal	X 0.20 Y 0.38	Pass
	Average daylight (D65)	X 0.30 Y 0.31	Pass
Traffic signal transmittance	Red signal	18.3 %	Pass
	Yellow signal	16.7 %	Pass
	Green signal	17.3 %	Pass
Spectral transmittance (500-650nm)		15.2 % (0.889 τ_v)	Pass

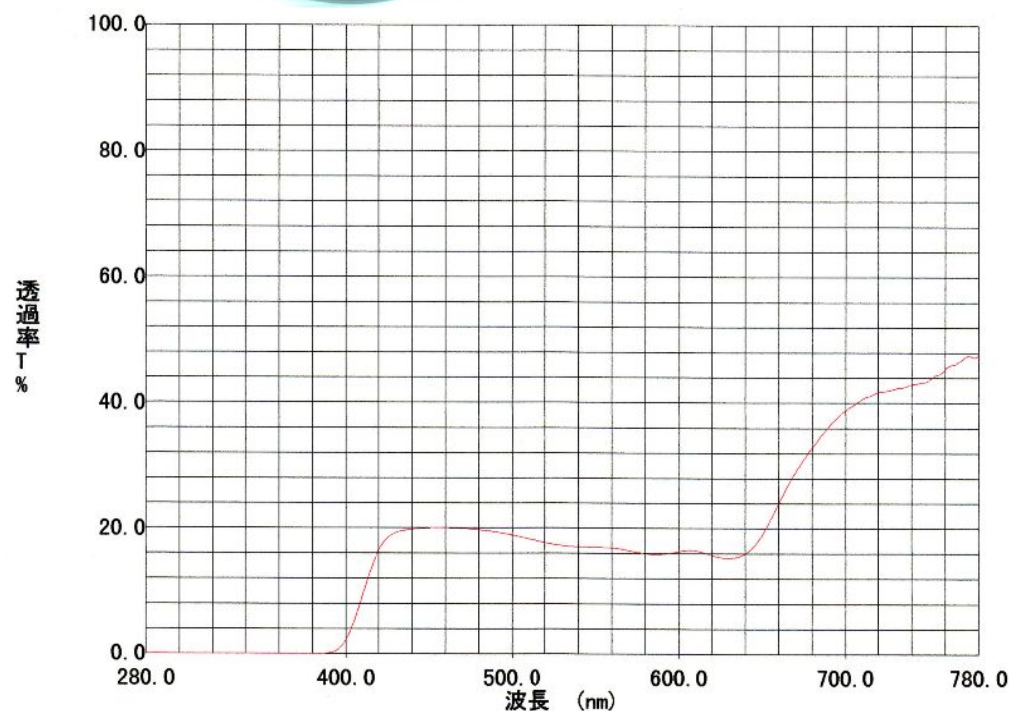
2) European Standard EN 1836-2005 : Clause 4.1.3.2-Requirements for road use and driving

Inspection item	No. Do-Grey	Judgment
τ_v (D65)	17.1 %	Pass
Filter category	—	3
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_{SUV_A} (315-380nm)	0.0 % (0.000 τ_v)	Pass
τ_F (500-650nm) MIN	15.2 % (0.889 τ_v)	Pass
Red signal light Q	17.1 % (1.000 τ_v)	Pass
Yellow signal light Q	16.7 % (0.977 τ_v)	Pass
Green signal light Q	17.3 % (1.012 τ_v)	Pass
Blue signal light Q	19.0 % (1.111 τ_v)	Pass

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

Clause 2.1-Transmittance requirements and lens categories

Inspection item	No. Do-Grey	Judgment
τ_v (D65)	17.1 %	Pass
Lens category	—	3
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_{SUV_A} (315-400nm)	0.1 % (0.006 τ_v)	Pass
τ_F (450-650nm) MIN	15.2 % (0.889 τ_v)	Pass
Red signal light Q	17.1 % (1.000 τ_v)	Pass
Yellow signal light Q	16.7 % (0.977 τ_v)	Pass
Green signal light Q	17.3 % (1.012 τ_v)	Pass
Blue signal light Q	19.0 % (1.111 τ_v)	Pass



DO-GREY

Applicant : INUI LENS CO., LTD.

Sample : Uncut plastic polarized sunglass lens only. No. Do Grey
(ϕ 72mm x t2.2mm x 6R)

Date : Feb. 19, 2008

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