JAPAN SPECTACLES AND POPULAR OPTICS INSPECTION INSTITUTE (JSOI)

JSOI

Do Black

No. F−01268 (4/8)

Date : Feb. 19, 2008

3. Results of inspection :

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

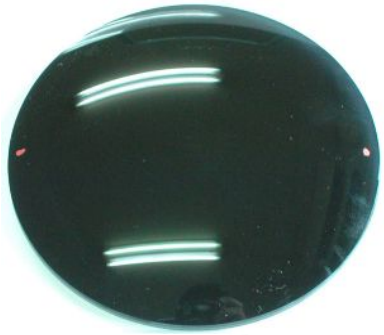
Inspection item		No. Do-Black	Judgment (General purpose)
Luminous transmittance τ_v		10.3 %	Pass
Mean transmittance	UVB(290-315nm)	0.0 % (0.000τ_v)	Pass
	UVA(315-380nm)	0.0 % (0.000τ_v)	Pass
Color limits	Yellow trafic signal	X 0.59 Y 0.41	Pass
	Green trafic signal	X 0.20 Y 0.39	Pass
	Average daylight(D65)	X 0.32 Y 0.33	Pass
Trafic signal transmittance	Red signal	12.6 %	Pass
	Yellow signal	10.6 %	Pass
	Green signal	10.1 %	Pass
Spectral transmittance(500-650nm)		9.5 % (0.922τ_v)	Pass

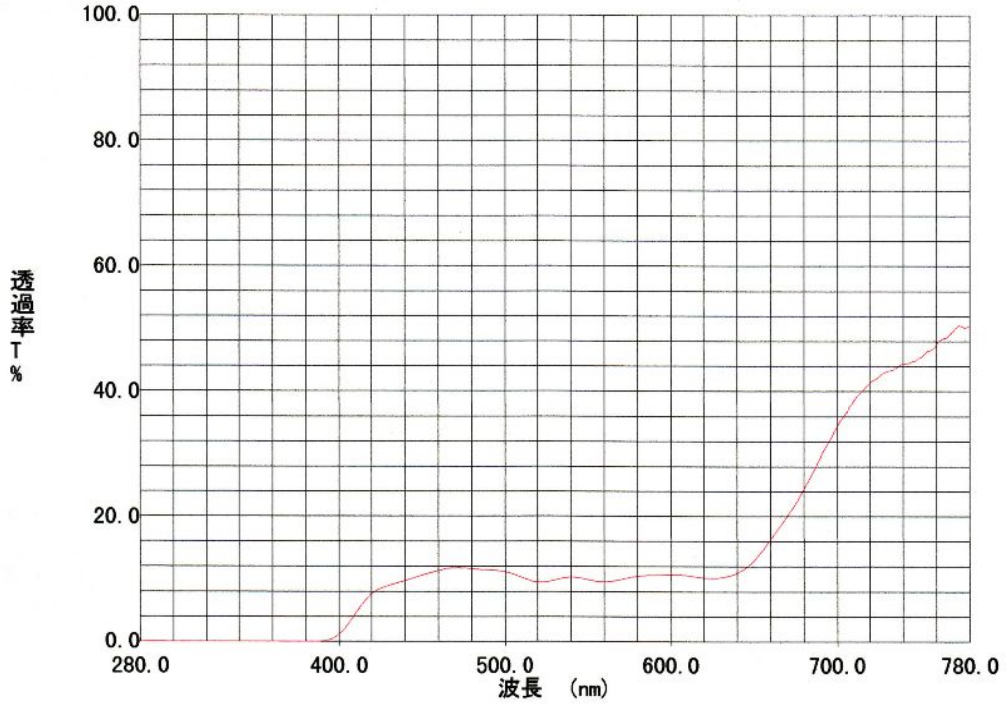
2) European Standard EN 1836-2005 : Clause 4.1.3.2-Requirements for road use and driving

Inspection item	No. Do-Black	Judgment
τ_V (D_{65})	10.3 %	Pass
Filter category	—	3
τ_F(280-315nm) MAX	0.0 % (0.000τ_v)	Pass
τ_F(315-350nm) MAX	0.0 % (0.000τ_v)	Pass
τ_{SUVA}(315-380nm)	0.0 % (0.000τ_v)	Pass
τ_F(500-650nm) MIN	9.5 % (0.922τ_v)	Pass
Red signal light Q	11.4 % (1.107τ_v)	Pass
Yellow signal light Q	10.6 % (1.029τ_v)	Pass
Green signal light Q	10.1 % (0.981τ_v)	Pass
Blue signal light Q	11.4 % (1.107τ_v)	Pass

3) Australian/New Zealand Standard AS/NZS 1067-2003 :
Clause 2.1-Transmittance requirements and lens categories

Inspection item	No. Do-Black	Judgment
τ_V (D_{65})	10.3 %	Pass
Lens category	—	3
τ_F(280-315nm) MAX	0.0 % (0.000τ_v)	Pass
τ_F(315-350nm) MAX	0.0 % (0.000τ_v)	Pass
τ_{SUVA}(315-400nm)	0.0 % (0.000τ_v)	Pass
τ_F(450-650nm) MIN	9.5 % (0.922τ_v)	Pass
Red signal light Q	11.4 % (1.107τ_v)	Pass
Yellow signal light Q	10.6 % (1.029τ_v)	Pass
Green signal light Q	10.1 % (0.981τ_v)	Pass
Blue signal light Q	11.4 % (1.107τ_v)	Pass





DO-BLACK ——

Applicant : INUI LENS CO., LTD.
Sample : Uncut plastic polarized sunglass lens only. No. Do Black
(φ72mmxt2.2mmx6R)
Date : Feb. 19, 2008
Measuring Instrument : Spectrophotometer UV-3100PC(Shimadzu Corporation)