JAPAN SPECTACLES AND POPULAR OPTICS INSPECTION INSTITUTE (JSOI)

JSOI

Do Light Brown

No. F−01266 (2/9)

Date : Feb. 19, 2008

3. Results of inspection :

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

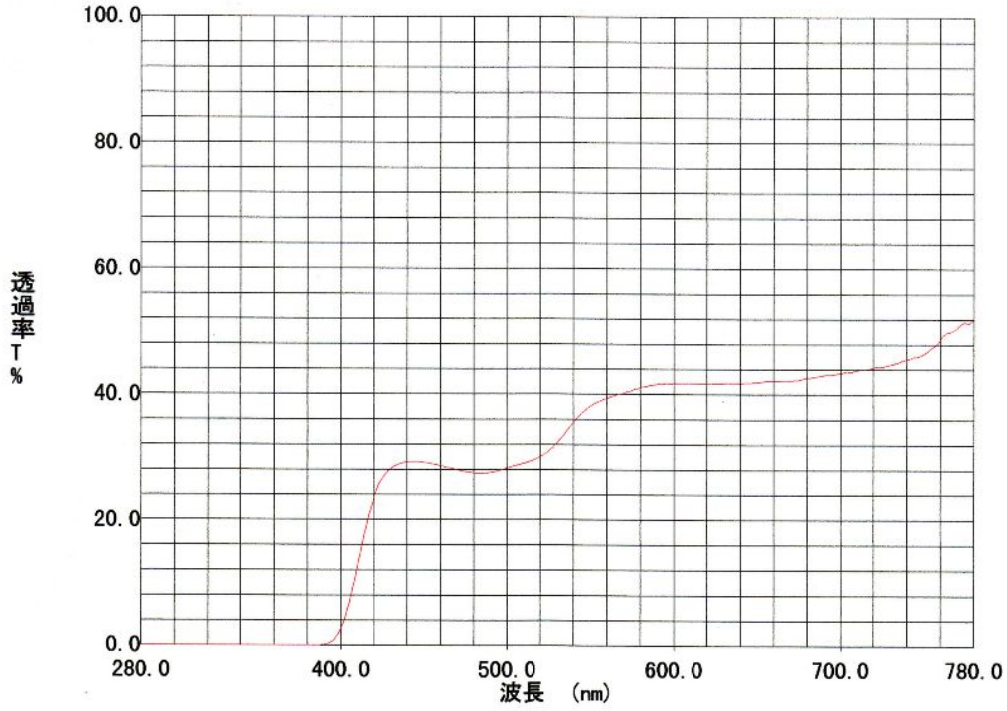
Inspection item		No. Do-Light Brown	Judgment (General purpose)
Luminous transmittance τ_V		36.9 %	Pass
Mean transmittance	UVB(290-315nm)	0.0 % (0.000τ_V)	Pass
	UVA(315-380nm)	0.0 % (0.000τ_V)	Pass
Color limits	Yellow trafic signal	X 0.58 Y 0.42	Pass
	Green trafic signal	X 0.23 Y 0.43	Pass
	Average daylight(D65)	X 0.35 Y 0.36	Pass
Trafic signal transmittance	Red signal	41.9 %	Pass
	Yellow signal	40.6 %	Pass
	Green signal	34.3 %	Pass
Spectral transmittance(500-650nm)		28.2 % (0.764τ_V)	Pass

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

Inspection item	No. Do-Light Brown	Judgment
τ_V (D_{65})	36.8 %	Pass
Filter category	—	2
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	28.2 % (0.766τ_V)	Pass
Red signal light Q	41.8 % (1.136τ_V)	Pass
Yellow signal light Q	40.6 % (1.103τ_V)	Pass
Green signal light Q	34.3 % (0.932τ_V)	Pass
Blue signal light Q	32.3 % (0.878τ_V)	Pass

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

Inspection item	No. Do-Light Brown	Judgment
τ_V (D_{65})	36.8 %	Pass
Lens category	—	2
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)	0.1 % (0.003τ_V)	Pass
τ_F(450-650nm) MIN	27.4 % (0.745τ_V)	Pass
Red signal light Q	41.8 % (1.136τ_V)	Pass
Yellow signal light Q	40.6 % (1.103τ_V)	Pass
Green signal light Q	34.3 % (0.932τ_V)	Pass
Blue signal light Q	32.3 % (0.878τ_V)	Pass



DO-LBRWN ——

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