



Do Copper



3. Results of inspection :

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

Inspection item		No. Do-Copper	Judgment (General purpose)
Luminous transmittance τ_v		17.3 %	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 0.60 Y 0.40	Pass
	Green traffic signal	X 0.25 Y 0.44	Pass
	Average daylight (D65)	X 0.40 Y 0.37	Pass
Traffic signal transmittance	Red signal	27.9 %	Pass
	Yellow signal	21.3 %	Pass
	Green signal	14.5 %	Pass
Spectral transmittance(500-650nm)		11.6 % (0.671 τ_v)	Pass

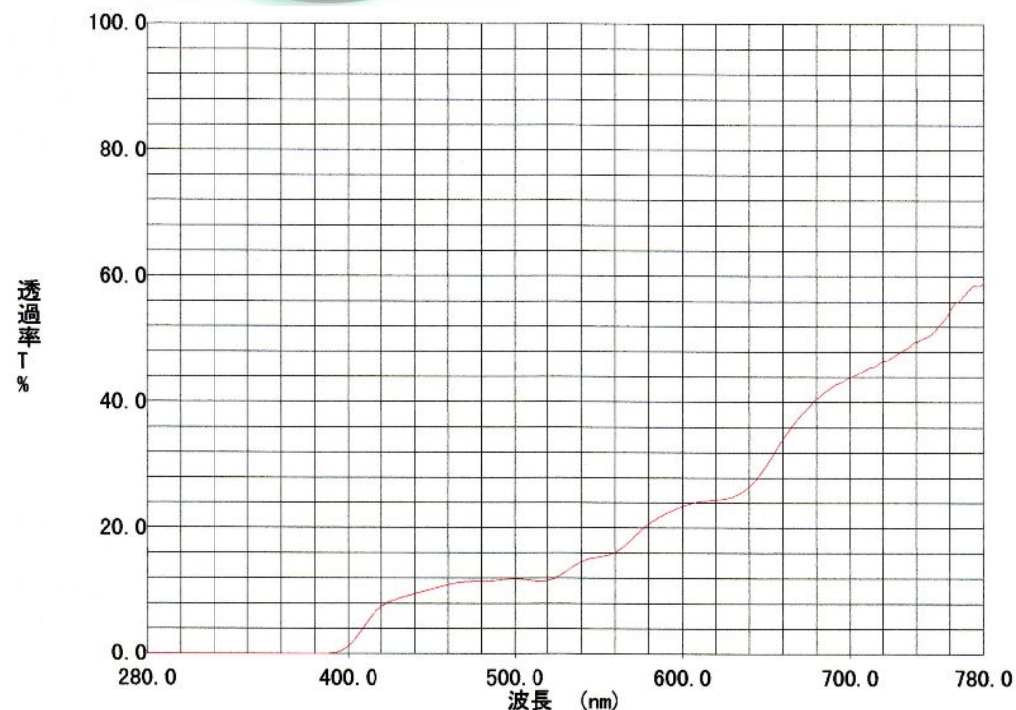
2) European Standard EN 1836-2005 : Clause 4.1.3.2-Requirements for road use and driving

Inspection item	No. Do-Copper	Judgment
τ_v (D_{65})	17.2 %	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	11.6 % (0.674 τ_v)	Pass
Red signal light Q	25.6 % (1.488 τ_v)	Pass
Yellow signal light Q	21.4 % (1.244 τ_v)	Pass
Green signal light Q	14.4 % (0.837 τ_v)	Pass
Blue signal light Q	15.0 % (0.872 τ_v)	Pass

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

Clause 2.1-Transmittance requirements and lens categories

Inspection item	No. Do-Copper	Judgment
τ_v (D_{65})	17.2 %	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)	0.0 % (0.000 τ_v)	Pass
τ_F (450-650nm) MIN	10.2 % (0.593 τ_v)	Pass
Red signal light Q	25.6 % (1.488 τ_v)	Pass
Yellow signal light Q	21.4 % (1.244 τ_v)	Pass
Green signal light Q	14.4 % (0.837 τ_v)	Pass
Blue signal light Q	15.0 % (0.872 τ_v)	Pass



DO-CPPER

Applicant : INUI LENS CO., LTD.

Sample : Uncut plastic polarized sunglass lens only. No. Do Copper
(ϕ 72mmx2.2mmx6R)

Date : Feb. 19, 2008

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