

# AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing  
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## TEST REPORT

**Client :** Huangshan Xingwei Reflectorized Material Co., Ltd  
#5, Jingxing Road, Eco Development Zone,  
She District, Huangshan City,  
An Hui Province 245200 China

**Test Number :** 15-003170  
**Issue Date :** 08/07/2015  
**Print Date :** 23/07/2015

**Sample Description** Retroreflective sheeting  
Colour : Silver

AS/NZS 1906.1-2007  
Appendix A  
Method B

**Retroreflective Materials and Devices for Road Traffic Control Purposes**  
**Part 1 - Retroreflective Sheeting**  
**Indirect Method - Photometric Properties Test**

**Minimum Photometric Performance (cd.lx<sup>-1</sup>.m<sup>-2</sup>)**

Classification and Colour

Class 1 - Non fluorescent - White

Ent. Angle (Beta°)	Observ. Angle (Alpha°)	Minimum CIL/m <sup>2</sup>	Mean 0 & 90 degree	Pass/Fail
4	0.20	250	277	Pass
4	0.33	170	213	Pass
4	0.50	95	119	Pass
4	1.00	10	12.9	Pass
15	0.20	210	274	Pass
15	0.33	160	210	Pass
15	0.50	90	117	Pass
15	1.00	10	12.3	Pass
30	0.20	175	264	Pass
30	0.50	70	113	Pass
30	0.33	100	202	Pass
30	1.00	9	11.8	Pass

Uncertainty of measurement: 7.3%  
Coverage factor(k): 2

The rotation angle 0 degrees was determined where the CIL/m is a minimum when measured at an entrance angle of 15 degrees and an observation angle of 0.2 degrees

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APPROVED SIGNATORY

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MANAGING DIRECTOR