

Certificate of Test

**For**

Gio-Lite Lumian Co Ltd
Rm 408, Woolim E-Biz Center #1
170-5 Guro-Dong, Guro-Gu
Seoul
Korea

Our reference SPC0231795/1504/02
Date 13th February 2015

Product	Retro-reflective material referenced 1954S-DT
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Description	Retro-reflective separate performance material
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Test Data	EN ISO 20471:2013 requirements clauses:-	
	6.1 Table 4 - Retro-reflective performance of new material	PASS
	6.2 Table 6 - retro-reflective performance after test exposure	
	Abrasion	PASS
	Flexing	PASS
	Folding at cold temperature	PASS
	Temperature variation	PASS
	Influence of rainfall	PASS
	Industrial washing (ISO15797) 50 cycles, 75°C and tumble drying at 90°C after each cycle	PASS

Recommendations The following SATRA technical report provides full details of the testing:

SPC0231795/1504/02

Report date	All interpretations are outside the scope of UKAS Accreditation and are based on SATRA experience. Tests marked † fall outside the UKAS Accreditation Schedule for SATRA. This report is designed to indicate the performance of the sample tested by SATRA. SATRA have not approved the on-going quality control. It is the responsibility of purchasers to satisfy themselves that other production batches perform similarly.
13th Feb. 2015	

SIGNATURE

M Gamble
PPE Technologist
Safety Products Centre