

# AWTA TEXTILE TESTING

Australian Wool Testing Authority Ltd – trading as AWTA Textile Testing  
A.C.N. 006 014 106 A.B.N. 43 006 014 106  
26 Robertson Street, Kensington, Victoria 3031  
P.O. Box 240, North Melbourne, Victoria 3051  
Phone (03) 9371 2126 Fax (03) 9371 2102

## TEST REPORT

CLIENT : LASERLITE AUSTRALIA P/L  
17-19 WANGARA ROAD  
CHELTENHAM VIC 3192

TEST NUMBER : 7-496019-CV  
DATE : 09/11/2000  
ORDER NUMBER : 8803

SAMPLE DESCRIPTION CLIENTS REF: LASERLITE XPT  
CORRUGATED PLASTIC ROOFING SHEET  
APPROX THICKNESS: 1mm

**THESE RESULTS MUST BE CONSIDERED IN CONJUNCTION  
WITH THE COMMENTS ON THE FOLLOWING PAGE(S)**

MATERIAL SPECIFICATION PROVIDED BY CLIENT:  
NOMINAL COMPOSITION: 100% POLYCARBONATE

AS/NZS  
1530.3 - 1999  
RESULTS:

SIMULTANEOUS DETERMINATION OF IGNITABILITY, FLAME PROPAGATION, HEAT RELEASE AND SMOKE RELEASE.		MEAN	STANDARD ERROR
IGNITION TIME	NIL	min	NIL
FLAME PROPAGATION TIME	NIL	s	NIL
HEAT RELEASE INTEGRAL	NIL	kJ/m <sup>2</sup>	NIL
SMOKE RELEASE, LOG D	NIL		NIL
OPTICAL DENSITY, D	NIL	/m	
NUMBER OF SPECIMENS IGNITED:	0		
NUMBER OF SPECIMENS TESTED:	6		

REGULATORY INDICES:	IGNITABILITY INDEX	0	RANGE 0-20
	SPREAD OF FLAME INDEX	0	RANGE 0-10
	HEAT EVOLVED INDEX	0	RANGE 0-10
	SMOKE DEVELOPED INDEX	0-1	RANGE 0-10

**COMMENTS:**

THESE RESULTS ONLY APPLY TO THE SPECIMEN MOUNTED, AS DESCRIBED IN THIS REPORT.

THE RESULTS OF THIS FIRE TEST MAY BE USED TO DIRECTLY ASSESS FIRE HAZARD, BUT IT SHOULD BE RECOGNIZED THAT A SINGLE TEST METHOD WILL NOT PROVIDE A FULL ASSESSMENT OF FIRE HAZARD UNDER ALL FIRE CONDITIONS.

IGNITION IS INITIATED BY A PILOT FLAME THAT IS HELD NEAR, BUT DOES NOT TOUCH THE SPECIMEN. A MATERIAL THAT DOES NOT IGNITE DURING THE STANDARD TEST MAY IGNITE IF CONTACTED WITH A PILOT FLAME DURING THE TEST.

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- Chemical Testing of Textiles & Related Products : Accreditation No. 983
- Mechanical Testing of Textiles & Related Products : Accreditation No. 985
- Heat & Temperature Measurement : Accreditation No. 1356

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*D.J. Ward*  
AUTHORISED SIGNATORY

*D.J. Ward*  
D.J. WARD B.Sc., M.A.I.A.S.  
MANAGING DIRECTOR

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EACH TEST SPECIMEN WAS SANDWICHED BETWEEN TWO LAYERS OF GALVANISED WELDED SQUARE MESH MADE FROM WIRE OF NOMINAL DIAMETER 0.8mm AND NOMINAL SPACING OF 12mm IN BOTH DIRECTIONS, STAPLED THROUGH AT FOUR POINTS, EACH 100mm FROM THE CENTRE OF THE SAMPLE AND THE ASSEMBLY CLAMPED IN FOUR PLACES.

THE SPECIMENS WERE MOUNTED TO SIMULATE USE IN AN UNSUPPORTED OR FREE HANGING MODE. THE RESULTS MAY BE SIGNIFICANTLY DIFFERENT WHEN MOUNTED TO SIMULATE A WALL CLADDING OR UPHOLSTERY APPLICATION.

SMOKE DEVELOPED INDEX IS REPORTED AS 0-1 DUE TO THE INABILITY OF THE SMOKE MEASUREMENT EQUIPMENT TO RESOLVE AN INDEX OF ZERO.

THE SPECIMENS MELTED AND FLOWED AWAY FROM THE AREA OF MAXIMUM HEAT DURING THE TEST. DUE TO THIS PHENOMENA, IT SHOULD BE RECOGNISED THAT THIS TEST RESULT MAY NOT BE A TRUE INDICATION OF THE PRODUCT'S FIRE HAZARD PROPERTIES.

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