

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing

A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031

P.O Box 240, North Melbourne, Victoria 3051

Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Client : University of New South Wales FSI
Gate 2, High Street, GQ 13, E8
Science and Engineering Building
Kensington NSW 2052

Test Number : 19-006885
Issue Date : 27/11/2019
Print Date : 27/11/2019

Sample Description Cotton-polyester textile sample coated by UNSW-FSI "FSI-Textile (T11) at 170mL/m2
End Use : Pattern
Nominal Composition : 35% cotton and 65% polyester
Nominal Mass per Unit Area/Density : 224g/m2
Nominal Thickness : 0.44mm (CP)

ISO 6941-2003

Measurement of Flame Spread Properties of Vertically Orientated Specimens

Date of Testing	27/11/2019		
Test Conditions	As Received		
Face Tested	Face		
Barometric Pressure	1013	hPa	
Temperature	21.5	°C	
Relative Humidity	33	%	
Ignition Time	10	sec	
Gas Used	Propane		
Orientation of Burner	Surface		
Mean Severance Time	Length	Width	
to 1st Marker thread	FTBT	FTBT	sec
to 2nd Marker thread	FTBT	FTBT	sec
to 3rd Marker thread	FTBT	FTBT	sec
Mean Flame Spread Time	Length	Width	
1st Marker to 2nd Marker thread	FTBT	FTBT	sec
2nd Marker to 3rd Marker thread	FTBT	FTBT	sec
1st Marker to 3rd Marker thread	FTBT	FTBT	sec

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- Chemical Testing
- Mechanical Testing
- Performance & Approvals Testing

: Accreditation No. 983
: Accreditation No. 985
: Accreditation No. 1356

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APPROVED SIGNATORY

MICHAEL A. JACKSON B.Sc. (Hons)
MANAGING DIRECTOR

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Observations :	Length	Width
Number of Specimens Failed to Burn to 1st Marker thread	3	3
Number of Specimens Failed to Burn to 2nd Marker thread	0	0
Number of Specimens Failed to Burn to 3rd Marker thread	0	0
Number of Specimens Tested	3	3
Flame application caused a hole to be burnt or melted on face of the specimen		No
Flame reaches vertical edge of specimen		No
Flaming debris fell below the bottom edge of the frame and continued to burn		No

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MANAGING DIRECTOR