

# QinetiQ

Fire Research & Characterisation

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## FIRE CHARACTERISATION TEST REPORT

**Customer:**

**Solar Solve Ltd.**

7 St Hilda Industrial Estate

South Shields

Tyne & Wear

NE33 1RA

**Material Description:**

Plasticized Fibreglass

**Test Specification:**

IMO Resolution A.563(14)

Resistance to flame of vertically supported  
textiles and films

**Date:**

25<sup>th</sup> May 2005

Only valid for official ROLASOLV® products which have been manufactured in the UK

This report relates only to the specimen(s) tested and shall not be reproduced  
except in full without the written approval of the testing laboratory



## Summary

The sample of plasticized fibreglass fabric, supplied by Solar Solve Ltd., submitted for testing in accordance with IMO A.563(14), detailed in this report, PASSED the requirements of the standard with the following results:-

Parameter	Results	
	Warp direction	Weft direction
Average weight per unit area of material (g)	14.53	14.55
Average Afterflame time (s)	3	3
Average Length of char (mm)	54	72
Flaming droplets	-	-
Average burn rate (mm s <sup>-1</sup> )	15.8	22.7

"These tests alone do not assess the fire hazard of the material, or a product made from this material, under actual fire conditions. Consequently, the results of these tests shall not be quoted in support of claims with respect to the fire hazard of the material or product under actual fire conditions. The results when used alone should only be used for research and development, quality control and material specifications."