

QinetiQ

Fire Research & Characterisation
Haslar Marine Technology Park
Haslar Road
Gosport
PO12 2AG
United Kingdom

Tel. : +44 (0) 23 9233 5593
Fax. : +44 (0) 23 9233 5592

FIRE CHARACTERISATION TEST REPORT

Customer:

Solar Solve Ltd.
7 St Hilda Industrial Estate
South Shields
Tyne & Wear
NE33 1RA

Material Description:

Polyester Fabric

Test Specification:

IMO Resolution A.563(14)
Resistance to flame of vertically supported
textiles and films

Date:

17th May 2005

Summary
The sample of Polyester fabric, supplied by Solar Solve Ltd. and identified with IMO A.563(14), detailed in this report, has been tested in accordance with the following results:

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 Polyester 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)	5.95	5.95
Average Afterflame time (s)	4	4
Average Length of char (mm)	32	32
Flaming droplets	No	No
Average burn rate (mm s^{-1})	5.4	7.8

"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."