



Testing  
No. 0248

# Technical Services Report

HARCEIT2

Subject: EVALUATION OF  
MICROCELLULAR RUBBER SHEET

Firm: The Harboro Rubber Co Ltd

For the attention of: Mr P Woodbridge

Your ref: Telephone call of 12.3.97

Our ref: 22607/9710/4/G/D/MG/LMN

Date: 2nd April 1997

Tests marked \* fall within the NAMAS Accreditation Scheme for SATRA.  
All interpretations are outside the scope of NAMAS Accreditation and are  
based on SATRA experience.

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# Technical Services Report



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No. 0248

The Harboro Rubber Co Ltd  
22607/9710/4/G/D/MG/LMN

2nd April 1997

## EVALUATION OF MICROCELLULAR RUBBER SHEET

### SAMPLE SUBMITTED

Reference: DEELITE MICRO  
Description: Black low density microcellular rubber  
Intended application: Not stated  
Date of receipt: 12th March 1997

### TESTS REQUESTED

To Specification for Prescribable Footwear (Department of Health and Medical Devices Directorate), Annex F1. This requires hardness, Ross flex cut growth resistance and abrasion resistance tests.

The results are detailed on the attached sheet together with the relevant F1 requirements. Testing commenced on 13th March 1997 and was completed on 20th March 1997.

### COMMENTS/CONCLUSIONS

The sample meets the specification requirements.

Labwork by: J S MacDonald

Report prepared by: K J Coe

Subject classification: 5b

  
Signed: M George

Solings Section

Materials & Products Evaluation Centre

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(2nd April 1997)

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# **SOLINGS - MICROCELLULAR RUBBER/EVA**

CO: 22607/9710/4/G/D/MG/LMN

Firm: The Harboro Rubber Co Ltd

Manufacturer/Supplier:  
Trade Name/Reference:  
Type:

DEELITE MICRO

Specification  
F1  
requirements for  
Microcellular 'rubber'

Test Method	Property		
*BS 903 Part A26 1995 Method N	Hardness (IRHD) @ 23°C	52	min 40
*SATRA PM 68 1990	Density (g/cm <sup>3</sup> )	0.73	-
*BS 5131 Section 2.1 1991	Ross flex at -5°C Along mean cut growth rate (mm/kc)	<0.001	max 0.04
	Test piece thickness (mm)	5.0	5.0 ± 0.2
*DIN 53516 1987	Abrasion resistance (volume loss mm <sup>3</sup> )	396	max 500