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Technological services to industry

TESTS TO BS 2782: METHOD 508A: 1970 ON A SAMPLE OF FILLED POLYPROPYLENE

REPORT NO. J85392/1

Prepared for:

Gratnell Ltd.,
256 Church Road,
London,
E10 7JQ

Date:

11th December, 1989

1. INTRODUCTION

A sample of filled polypropylene has been tested to BS 2782: Part 5: Method 508A: 1970 (including current BSI amendments).

The Sponsor's Advice Note of 8th November, 1989 refers.

2. MATERIAL SUBMITTED

The material submitted for test was described by the Sponsor as:-

No. F1 - shallow tray (brown) manufactured from 20% talc filled polypropylene.

The material was supplied as a tray, samples were cut to appropriate size. The material was 2.45mm thick and had an approximate measured density of 1070 Kg/m³.

3. TEST METHOD

Six samples of the material described above were tested on 28th November, 1989 to BS 2782: Part 5: Method 508A: 1970 (including current BSI amendments) "Methods for Testing Plastics", "Flammability", "Method 508A Rate of Burning".

4. RESULTS

"The following test results relate only to the behaviour of the test specimens under the particular condition of test; they are not intended as a means of assessing the potential fire hazard of the material in use".

Specimen No.	Burn Rate, mm/min.
1	22.4
2	22.1
3	22.3
4	22.2
5	21.8
6	22.8

The mean burn rate was 22.3 mm/min.

Reported by P. Bateson

P. Bateson

Fire Testing Department

Checked by N. Rowan

N.T. Rowan

Manager, Fire Testing Department

Authorised by D.B.S. Berry

D.B.S. Berry

Divisional Manager