



Confidential Report

Our Ref: 43133B/PH

Shirley Technologies Limited. Registered Office :
Wira House, West Park Ring Road, Leeds, LS16 6QL.
A company registered in England & Wales with company number 04669651.
VAT Number GB 816764800.
The supply of all goods and services is subject to our standard terms of
business, copies of which are available on request.
Our laboratories are accredited to EN ISO/IEC 17025





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14 October 2016

Our Ref: 43133B/PH
Client: Texfelt Ltd

Address: Texfelt Ltd
South Lane Mills
South Lane
Elland
West Yorkshire
HX5 0HQ

Job Title: Free & Hydrolised Formaldehyde content to BS EN ISO 14184 Part 1:2011

Client's Order Ref: 6519

Date of Receipt: 03/10/2016

Date of Test: 13/10/2016

Description of Sample(s): Envirolay Felt Underlay

Work Requested: Formaldehyde Testing of. BS EN ISO 14184 Part 1: 2011

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Texfelt Ltd

INTRODUCTION:

One sample, referenced as "Envirolay Felt Underlay", was submitted for testing in duplicate for Formaldehyde content according to BS EN ISO14184 Part 1 2011. The sample was received in a sealed plastic bag.

METHODOLOGY:

This part of ISO 14184 specifies a method for determining the amount of free formaldehyde and formaldehyde extracted partly through hydrolysis by means of a water extraction. Formaldehyde is extracted from a textile sample with water at 40°C. The amount of formaldehyde is then determined colorimetrically.

The procedure is intended for use in the range of free and hydrolysed formaldehyde on the fabric between 16mg/kg and 3500mg/kg when determined by this method. The method detection limit is 16 mg/kg.

For this method the estimated expanded uncertainty ranges from ~10% at the method detection limit (16mg/kg) to <2.5% at higher concentrations.

We apply a 5% acceptance criteria for all replicates.

RESULTS

Sample Details	Date tested	Sample Weight (g)	Free and hydrolysed Formaldehyde (mg/kg)*
Envirolay Felt Underlay	13/10/2016	2.500	n.d

* Average results

n.d. denotes "not detected above the method detection limit".

Reported by:

Paul Hardman
Senior Analyst

Countersigned by:

Gareth Heywood
Operational Head

Enquiries concerning this report should be addressed to Customer Services.

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