

DIVISIONE:
DIVISION: **TESTING-CERTIFICAZIONE**

LABORATORIO:
LABORATORY: **Materiali**

RAPPORTO DI PROVA <i>(Test Report)</i>	Pag. 1 di/of pag. 4
N° 0117\FPMMATs\16	Data: 11/02/2016 <i>Date:</i>

IDENTIFICAZIONE E DESCRIZIONE DEL CAMPIONE:
SPECIMEN DESCRIPTION:

ALFAWOOD TU UV PA FILM IN PVC 350 MY

DATI IDENTIFICATIVI DEL CLIENTE:
CLIENT:

ALFATHERM S.p.A.
Via G. Marconi, 25
21040 VENEGONO SUPERIORE (VA)

NORMA DI RIFERIMENTO:
REFERENCE STANDARD:

DISTRIBUZIONE ESTERNA:
OUTSIDE DISTRIBUTION:

ALFATHERM S.p.A.

DISTRIBUZIONE INTERNA:
INSIDE DISTRIBUTION:

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ENTE DI ACCREDITAMENTO:
ACCREDITATION BODY:



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Data: 11/02/2016
Date:

GENERAL INFORMATION:

- Sample receiving date: 05/02/2016
- Analysis start date: 05/02/2016
- Analysis end date: 09/02/2016

- Deviation from the test methods: NO

IDENTIFICATION OF SAMPLE EXAMINED:

ALFAWOOD TU UV PA FILM IN PVC 350 MY

SAMPLING:

The initial sampling was carried out by the client.

The sampling for the test was performed by extracting test pieces at random from the samples in our possession.

DECLARATION:

- The test results in this report refer exclusively to the tested sample.
- This report may not be reproduced in part without permission from the Director of the Centre.
- The uncertainties are estimated as extended uncertainty obtained multiplying the standard uncertainty by the coverage factor k corresponding to a confidence level of about 95%. Normally, this factor = 2.



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DETERMINATION PERFORMED:

DETERMINATION OF PHTHALATES

Identification and quantification of these compounds as reported on Conforama internal standard, after extraction of your samples with suitable solvent (with internal standard) followed by GC-MS and GC-FID analyses.

Identification of compounds by external calibration and quantification based on the relative peak.

LOD GC - MS and GC - FID: 0,001%

Employed instruments:

GC - MS Agilent: 5975

GC - FID Agilent 6890

RESULTS

In the following table the results, obtained from sample, are reported:

COMPOUND	CAS	TARGET SPECIFICATIONS	ALFAWOOD TU UV PA FILM IN PVC 350 MY
DINP	68515-48-0 and 28553-12-0	< 0,1 %	< 0,001 %
DEHP	117-81-7	< 0,1 %	< 0,001 %
DBP	84-74-2	< 0,1 %	< 0,001 %
DIDP	26761-40-0	< 0,1 %	< 0,001 %
DNOP	117-84-0	< 0,1 %	< 0,001 %
BBP	85-68-7	< 0,1 %	< 0,001 %
DMEP	117-82-8	< 0,1 %	< 0,001 %
DnPP	131-18-0	< 0,1 %	< 0,001 %
DiPP	605-50-5	< 0,1 %	< 0,001 %
DiBP	84-69-5	< 0,1 %	< 0,001 %
DHNUP	68515-42-4	< 0,1 %	< 0,001 %
DIHP	71888-89-6	< 0,1 %	< 0,001 %
N-pentyl-isopentylphthalate	776297-69-9	< 0,1 %	< 0,001 %
1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	84777-06-0	< 0,1 %	< 0,001 %
Dihexyl phthalate	84-75-3	< 0,1 %	< 0,001 %
1,2- Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	< 0,1 %	< 0,001 %
Di(C6-C10)alkyl phthalate	68515-51-5 68648-93-1	< 0,1 %	< 0,001 %

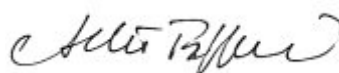
 DATA
 Date

 Settore Food Packaging Materials
 Food Packaging Materials Sector

 Area Testing
 Testing Area

11/02/2016

Alberto Taffurelli



Paolo Fumagalli



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