

Portugal

Your notice of
17-10-2012

Your reference

Date
05-11-2012

Analysis Report 12.04490.01

Required tests :

Oeko-tex

Identification number	Information given by the client	Date of receipt
T1214543	..823690 (colors red, light blue and blue)	17-10-2012
T1214544	..823689 (colors black, red, white and yellow)	17-10-2012

Kenny De Wolf

Order responsible

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The results of the analysis cover the received samples. Centexbel is not responsible for the representativeness of the samples. In assessing compliance with the specifications, we did not take into account the uncertainty on the test results.

VAT BE 0459.218.289

Fin. Acc. 210-0472965-45

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Reference: T1214543 - ..823690 (colors red, light blue and blue)

Determination of phthalate content

Date of ending the test 30-10-2012
Based on Oeko-Tex® 200 (2012)

Deviation from the standard -

Extraction method Extraction with hexane
Analytical method Gas chromatography with mass spectrometric detection – internal standard : benzylbenzoate
Components Dibutylphthalate (DBP), di-isobutylphthalate (DIBP), benzylbutylphthalate (BBP), di-(2-ethylhexyl)-phthalate (DEHP), di-n-octylphthalate (DNOP), di-isononylphthalate (DINP), di-isodecylphthalate (DIDP), Di-C6-8-branched alkylphthalates (DIHP), Di-C7-11-branched alkylphthalates (DHNUP), Di-n-hexylphthalate (DHP), Di-methoxy ethylphthalate (DMEP)

The measured sample consists of 3 colours (red, light blue and blue)

Results

Determination limit 0.01 % (w/w)

Compounds	% (w/w)
DIBP	< 0.01
DBP	< 0.01
BBP	< 0.01
DEHP	< 0.01
DNOP	< 0.01
DINP	< 0.01
DIDP	< 0.01
DIHP	< 0.01
DHNUP	< 0.01
DHP	< 0.01
DMEP	< 0.01
Total phthalates	< 0.01

The method was designed for low phthalate content. For contents above 2%, complete recovery cannot be guaranteed.

Reference: T1214544 - ..823689 (colors black, red, white and yellow)

Determination of phthalate content

Date of ending the test 30-10-2012
Based on Oeko-Tex® 200 (2012)

Deviation from the standard -

Extraction method Extraction with hexane
Analytical method Gas chromatography with mass spectrometric detection – internal standard : benzylbenzoate
Components Dibutylphthalate (DBP), di-isobutylphthalate (DIBP), benzylbutylphthalate (BBP), di-(2-ethylhexyl)-phthalate (DEHP), di-n-octylphthalate (DNOP), di-isononylphthalate (DINP), di-isodecylphthalate (DIDP), Di-C6-8-branched alkylphthalates (DIHP), Di-C7-11-branched alkylphthalates (DHNUP), Di-n-hexylphthalate (DHP), Di-methoxy ethylphthalate (DMEP)

The measured sample consists of 3 colours (black, white and yellow)

Results

Determination limit 0.01 % (w/w)

Compounds	% (w/w)
DIBP	< 0.01
DBP	< 0.01
BBP	< 0.01
DEHP	< 0.01
DNOP	< 0.01
DINP	< 0.01
DIDP	< 0.01
DIHP	< 0.01
DHNUP	< 0.01
DHP	< 0.01
DMEP	< 0.01
Total phthalates	< 0.01

The method was designed for low phthalate content. For contents above 2%, complete recovery cannot be guaranteed.