

Test Report

No. 4718643-10

Date: 14/NOV/2018

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Steiner GmbH & Co. KG
 Mr. R.-H. Spies (PhD)
 Jägersgrund 1
 57339 Erndtebrück
 GERMANY



The following sample(s) was/were submitted and identified by/on behalf of the client as:

SGS Job file : 4718643
 Order date : 16/OCT/2018
 Order number : EB-6013962-S-0255
 Sample receiving Date : 17/OCT/2018
 Sampling : by Client or by a third party acting at the Client's direction
 condition of the samples : appropriate for testing
 Testing period : 17/OCT/2018 – 14/NOV/2018
 Analytical scope : According to client's requirements

Sample No	Sample designation	Sample material
181026344	Sample 6 Al-coated Polyethylenenaphthalate (PEN) film	Metallized plastic film

Test requested : Customer Requirement, please refer to next page(s)
 Test Method(s) : Please refer to next page(s)
 Test Result(s) : Please refer to next page(s)

Conclusion : Phthalate Plasticisers:
 Based on the performed tests on submitted sample(s), the test results of Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP), and Diisobutyl phthalate (DIBP) comply with the limits as set by Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Signed for and on behalf of

SGS INSTITUT FRESENIUS GmbH

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Test results:

Test Item(s):	Unit	Test Method	Results 181026344	RL
Dibutylphthalate (DBP) (84-74-2)	mg/kg	Gas chromatography with mass selective detector after extraction with toluene, house method, SOP M 889	n.d.	100
Benzylbutylphthalate (BBP) (85-68-7)	mg/kg	Gas chromatography with mass selective detector after extraction with toluene, house method, SOP M 889	n.d.	100
Bis-(2-ethylhexyl)phthalate (DEHP) (117-81-7)	mg/kg	Gas chromatography with mass selective detector after extraction with toluene, house method, SOP M 889	n.d.	100
Diisobutylphthalate (DIBP) (84-69-5)	mg/kg	Gas chromatography with mass selective detector after extraction with toluene, house method, SOP M 889	n.d.	100
Hexabromcyclododecane (HBCDD)	mg/kg	High-resolution gas chromatography with mass-selective detector after soxhlet extraction with toluene house method, not under accreditation	n.d.	50

Note: mg/kg = ppm n.d.= not detected RL = Report Limit n.a.= not analyzed (*)=elevated reporting limit due low sample amount

Photo of the tested sample(s):



End of Report

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