

MERMET USA
 5970 N. Main Street
 Cowpens, SC 29330

June 28, 2016
 Lab No. 16C-1058a
 Invoice No. 216216
 Page 1 of 1
 (Revised Report 4/11/19)

Attention: Ali Fisher

REPORT OF INSPECTION

MATERIAL: Flocke
SUBJECT: Analyses for RoHS Compliance
REGULATION: RoHS 2006, Directive 2008/35/EC, RoHS3 Directive 2015/863 (respect to analyzed parameters)
METHODS: Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP-AES), Colorimetric, X-Ray Fluorescence Spectroscopy (XRF)
RESULTS:

The Flocke contained a high concentration of bromine. This could suggest that regulated bromine compounds are present in elevated levels. Further testing on the Flocke would be required to determine if the detected bromine is in the form of regulated PBDE and PBB flame retardants.

The details of the analysis are presented in the following table.

Compound	Flocke	Maximum Allowable Concentration (%)
Hexavalent Chromium	<0.05	0.05
Cadmium	<0.01	0.01
Mercury	<0.05	0.05
Lead	<0.05	0.05
Bromine	11.25%	0.03

RES/amw

Robin E. Sinn
 Laboratory Director





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 Chemical, Metallurgical, Mechanical, Nondestructive, Environmental Testing, Analyses and Field Service.

MERMET USA
 5970 North Main Street
 Cowpens, SC 29330

July 29, 2016
 Lab No. 16E-1395
 Invoice No. 216990
 P.O. No. 838
 Page 1 of 1
 (Revised Report 4/10/19)

Attention: Ali Fisher

REPORT OF ANALYSIS

MATERIAL: Flocke
SUBJECT: PBB and PBDE Analysis
REGULATION: RoHS 2006, Directive 2008/35/EC; RoHS3 Directive 2015/863 (respect to analyzed parameters)
METHODS: Chromatography – Mass Spectrometry (GC/MS)
UNITS: Percent by Weight (%)

RESULTS:

The analysis indicates that the above-referenced sample material is in compliance with the requirements of the RoHS Regulations (RoHS 2006, Directive 2008/35/EC, RoHS3 Directive 2015/863) with respect to the analyzed parameters. The details of the analysis are presented in the following table.

Compound	Results	Method Detection Limit	Maximum Allowable Limit
Total Polybrominated Biphenyl (PBB)	< 0.030	0.030	0.1%
Total Polybrominated Diphenyl Ether (PBDE)	< 0.032	0.032	0.1%

SR/ss

Steve Root, Manager
 Environmental Testing



Certificate No. 0397-01
 Certificate No. 0397-02

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