



2810 Clark Avenue • St. Louis, MO 63103-2574 • (314) 531-8080 • FAX (314) 531-8085
Chemical, Metallurgical, Mechanical, Nondestructive, Environmental Testing, Analyses and Field Service.

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 (Roll# 947876010)	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



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

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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, RoHS2 Directive 2011/65/EU) 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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Mermet USA
5970 N. Main Street
Cowpens, SC 29330

WO# E-1009728
June 26, 2026
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Attention: James Morris

REPORT OF ANALYSIS

MATERIAL: 1A4 - Flocke
SUBJECT: Phthalate Analysis
STANDARD: Restriction of Hazardous Substances Directive – RoHS 3.0
TEST METHODS: Gas Chromatography – Mass Spectrometry (GC-MS)
CPSC-CH-C1001-09.4
UNITS: Phthalates – Percent by Weight (%)
RESULTS:

SUBSTANCE	VALUE	METHOD DETECTION LIMIT	MAXIMUM ALLOWABLE LIMIT	RESULTS
DEHP (Di-(2-ethylhexyl) phthalate)	ND	0.0025	0.1	Pass
DBP (Dibutyl phthalate)	ND	0.0025	0.1	Pass
BBP (Benzyl butyl phthalate)	ND	0.0025	0.1	Pass
DIBP (Diisobutyl phthalate)	ND	0.0025	0.1	Pass

ND: Not Detected Above Method Detection Limit

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