

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 St.
 Cowpens, SC 29330

September 30, 2021
 WO# C0157468
 Invoice No. INSTL12511
 Page 1 of 1

Attention: Amanda Fowler

REPORT OF INSPECTION

MATERIAL: Sparta Twilight™

SUBJECT: Analyses for RoHS Compliance

REGULATION: RoHS 2006, Directive 2008/35/EC, RoHS3 Directive 2015/863

METHODS: Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP-AES), Colorimetric, X-Ray Fluorescence Spectroscopy (XRF)

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 | K740 Twilight FR (%) | METHOD DETECTION LIMIT (%) |
|--------------------------------------|----------------------|----------------------------------|
| Lead | <0.05 | 0.05 |
| Mercury | <0.05 | 0.05 |
| Cadmium | <0.01 | 0.01 |
| Hexavalent Chromium | <0.05 | 0.05 |
| Total Bromine (PBB and PBDE Screen)* | 19.0% | 0.01 |

*Detected concentrations of bromine require further analysis to determine if they are in the form of prohibited PBB and PBDE flame retardants.


 Jacob W. Long
 Director, Chemical and
 Environmental Testing

St. Louis Testing Laboratories decision rule is "Simple Acceptance"



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MERMET USA
 5970 N Main St.
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January 18, 2022
 WO# C0184275
 Invoice No. INSTL15917
 Page 1 of 1

Attention: Amanda Fowler

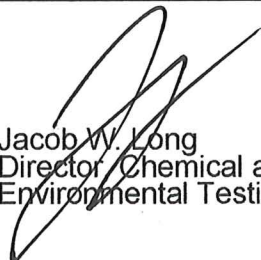
REPORT OF INSPECTION

MATERIAL: 1 Ea., K740 Sparta Twilight
SUBJECT: Analysis for Polybrominated Biphenyls (PBB) and Polybrominated Diphenyl Ethers (PBDE)
REGULATION: RoHS 2006, Directive 2008/35/EC, RoHS3 Directive 2015/863
METHODS: EPA Method 3545A Pressurized Fluid Extraction
 EPA Method 870D Semi Volatile Organic Compounds by Gas Chromatography – Mass Spectrometry (GC-MS)
UNITS: Parts Per Million

RESULTS:

| Compound | K740 Sparta Twilight | Method Detection Limit |
|-------------|----------------------|------------------------|
| Mono-BB | <4 | 4 |
| Di-BB | <4 | 4 |
| Tri-BB | <4 | 4 |
| Tetra-BB | <4 | 4 |
| Penta-BB | <4 | 4 |
| Hexa-BB | <4 | 4 |
| Hepta-BB | <4 | 4 |
| Octa-BB | <4 | 4 |
| Nona-BB | <4 | 4 |
| Deca-BB | <4 | 4 |
| Mono-BDE | <4 | 4 |
| Di-BDE | <4 | 4 |
| Tri-BDE | <4 | 4 |
| Tetra-BDE | <4 | 4 |
| Penta-BDE | <4 | 4 |
| Hexa-BDE | <4 | 4 |
| Hepta-BDE | <4 | 4 |
| Octa-BDE | <4 | 4 |
| Nona-BDE | <4 | 4 |
| Deca-BDE | <4 | 4 |
| Total | <200 | 200 |
| Requirement | | <1000 |
| PASS/FAIL | | PASS |

JWL/tz


 Jacob W. Long
 Director, Chemical and
 Environmental Testing

