Test Report
No. XMINML2000922301 Date: 16 Jul 2020 Page 1 of 7

XIAMEN BETALENT CARBIDE CO.,LTD
79-209 XINGGANG WULI, XIAMEN AREA, CHINA(FUJIAN) PILOT FREE TRADE ZONE 361024

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

SGS Job No. : XMIN200092198 - XM
Material : Carbide grade 8T50
Specification : 81330

Manufacturer : XIAMEN BETALENT CARBIDE CO., LTD
Date of Sample Received : 13 Jul 2020
Testing Period : 14 Jul 2020 - 16 Jul 2020

Test Method : Please refer to next page(s)
Test Results : Please refer to next page(s)

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Signed for and on behalf of
SGS CSTC Standards Technical Services Co., Ltd. Xiamen Branch

Rae Chen
Approved Signatory

Member of the SGS Group (SGS SA)
**Test Report**  
No. XMNL.20200922301  
Date: 16 Jul 2020  
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**Test Results:**

**Test Part Description:**

<table>
<thead>
<tr>
<th>Specimen No.</th>
<th>SGS Sample ID</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SN1</td>
<td>XMNL.000230.001</td>
<td>Silver-grey surfacед metal</td>
</tr>
</tbody>
</table>

**Remarks:**

1. 1 mg/kg = 0.0001%
2. MDL = Method Detection Limit
3. ND = No Detected / <MDL
4. """" = Not Regulated

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<table>
<thead>
<tr>
<th>Substance</th>
<th>mg/kg</th>
<th>N</th>
<th>ND</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diphenylphosphine</td>
<td>-</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Tribromophosphate</td>
<td>-</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Hexabromophosphate</td>
<td>-</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Heptabromophosphate</td>
<td>-</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Octabromophosphate</td>
<td>-</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Nonabromophosphate</td>
<td>-</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Decabromophosphate</td>
<td>-</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Sum of PBDEs</td>
<td>0.000</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Monobromodiphenyl ether</td>
<td>-</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Dibromodiphenyl ether</td>
<td>-</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Tribromodiphenyl ether</td>
<td>-</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Tetra bromodiphenyl ether</td>
<td>-</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Pentabromodiphenyl ether</td>
<td>-</td>
<td>5</td>
<td>ND</td>
</tr>
</tbody>
</table>

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### Test Report

<table>
<thead>
<tr>
<th>Test Item(s)</th>
<th>Limit</th>
<th>Unit</th>
<th>MOL.</th>
<th>QOL.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hexabromodiphenyl ether</td>
<td>-</td>
<td>mg/kg</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Heptabromodiphenyl ether</td>
<td>-</td>
<td>mg/kg</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Octabromodiphenyl ether</td>
<td>-</td>
<td>mg/kg</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Nonabromodiphenyl ether</td>
<td>-</td>
<td>mg/kg</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Decabromodiphenyl ether</td>
<td>-</td>
<td>mg/kg</td>
<td>5</td>
<td>ND</td>
</tr>
<tr>
<td>Di-butyl phthalate (DBP)</td>
<td>1000</td>
<td>mg/kg</td>
<td>50</td>
<td>ND</td>
</tr>
<tr>
<td>Butyl benzyl phthalate (BBP)</td>
<td>1000</td>
<td>mg/kg</td>
<td>50</td>
<td>ND</td>
</tr>
<tr>
<td>Bis (2-ethylhexyl) phthalate (DEHP)</td>
<td>1000</td>
<td>mg/kg</td>
<td>50</td>
<td>ND</td>
</tr>
</tbody>
</table>

**Notes**

1. The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.
2. IEC 62321 series is equivalent to EN 62321 series.

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These samples were dissolved totally by pre-conditioning method according to below flow chart.
(Cr6+ test method excluded)

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