AMPERWELD® TITANIUM CARBIDE TK

Chemical Formula: TiC

Description of Product: Titanium Carbide TK (TiC TK)

HS Number: 28499050

Grades Available:

Product Designation
AMPERWELD® TITANIUM CARBIDE TK 200/106 µm
AMPERWELD® TITANIUM CARBIDE TK 90/45 µm
AMPERWELD® TITANIUM CARBIDE TK 45/5 µm

Chemical Characteristics
(Mass fraction in % [cg/g]; ppm [µg/g])

<table>
<thead>
<tr>
<th>Element</th>
<th>Total</th>
<th>Free</th>
<th>O</th>
<th>Fe</th>
<th>S</th>
<th>Si</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>18.0</td>
<td>2.5</td>
<td>1.0</td>
<td>0.3</td>
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</tbody>
</table>

Physical Characteristics

200/106 µm
- 200 µm min. 95 %
- 106 µm max. 10 %

90/45 µm
- 90 µm min. 95 %
- 45 µm max. 10 %

45/5 µm
- 45 µm min. 95 %
- 5.5 µm max. 10 %

Other screening fractions upon request.

1) ROTAP Screening per ASTM B 214, 2) MICROTRAC X 100 by Laser Light Diffraction per ASTM C 1070.
Packaging

AMPERWELD® TITANUM CARBIDE TK
Packaging according to transport regulations.
50 kg in a specially coated 30 l steel drum with a polyethylene bag.
Packaging unit: 400 kg in 8 drums on CP 1 pallet.

Storage and Handling

Storage and handling are subject to the rules and regulations in the country of use.

Hazards identification in Advertising (REGULATION (EC) No 1272/2008 Article 48)

None.

Documentation

An inspection document in accordance with EN 10204 is supplied with every shipment.

Höganäs Germany GmbH
Im Schleeke 78-91 Säckinger Straße 51
38642 Goslar/Germany 79725 Laufenburg/Germany

Phone +49 5321 751-53753
https://www.hoganas.com/en/contact/

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