

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])

C _{total}	18.0	-	20.0	%
C _{free}	max.		2.5	%
O	max.		1.0	%
Fe	max.		0.3	%
S	max.		0.02	%
Si	max.		0.02	%

Physical Characteristics

200/106 µm

- 200 µm	min.	95	% ¹⁾
- 106 µm	max.	10	% ¹⁾

90/45 µm

- 90 µm	min.	95	% ¹⁾
- 45 µm	max.	10	% ¹⁾

45/5 µm

- 45 µm	min.	95	% ¹⁾
- 5.5 µm	max.	10	% ²⁾

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.

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