



## TANTALUM / NIOBIUM CARBIDE TaC/NbC

### Grades Available

Name	TaC 100/0	TaC/NbC 90/10	TaC/NbC 80/20	TaC/NbC 70/30	TaC/NbC 60/40	TaC/NbC 50/50	NbC 0/100
Grades <sup>1)</sup>	S 10	S 91	S 82	S 73	S 64	S 55	S 01
Ta	≥ 99.5	84.4 ± 1.5	71 ± 1.5	65.6 ± 1.5	56 ± 1.5	46.5 ± 1.5	≤ 0.3
Nb	≤ 0.3	8.85 ± 1.0	20.6 ± 1.0	26.6 ± 1.0	35 ± 1.0	44.3 ± 1.0	≥ 99.6
C <sub>total</sub>	6.20 ± 0.2 0.3	6.75 ± 0.3	7.2 ± 0.3	7.8 ± 0.3	8.1 ± 0.3	8.7 ± 0.3	11.2 ±
C <sub>free</sub>	≤ 0.15	≤ 0.15	≤ 0.15	≤ 0.15	≤ 0.15	≤ 0.15	≤ 0.15
FSSS <sup>2)</sup>	≤ 1.5 μm	1-3 μm	1-3 μm	1-3 μm	1-3 μm	1-3 μm	1-3 μm

1) Specific requirements may be requested by customer

2) Other particle sizes available upon request

### Packing

Material in a polyethylene bag within steel drum  
25kg, 50kg, 100kg, 200kg or 250kg net per drum  
Analysis certificate is available for each lot