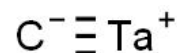


Technical Data Sheet

Tantalum carbide

Compound Information

Product Name:	Tantalum carbide
CAS No.:	12070-06-3
Molecular Formula:	CTa
Molecular Weight:	192.96
Storage:	Store at RT
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Appearance	Brown to dark brown powder
Melting Point	3880°C
Boiling Point	5500°C
Mesh Size	APS < 2 micron
Purity	≥ 99.5% (Trace metals basis)
Application	Tantalum carbide nanopowder used in various refractory ceramic materials utilize tantalum carbide powder in their production, either a primary material or as an additive supporting other refractory ceramic materials.

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