

Titanium Metal powder, Grade T-N3



PRODUCT	Titanium Metal powder, Grade T-N3
	SPTI Type Product No. 20003
	CAS No. 7440-32-6 EINECS-No. 231-142-3
APPEARANCE	Greyish-black powder
FORMULA	Ti

APPLICATION Body or parts for airplane, parts for automobile, parts for vessel or submarine, parts for various machine, cutting tools, molds, biometeial, starting material for manufacturing of allys, cermets, ceramics and intermetallic compound, polishing powder and abrasives, deoxidizing and decarbonating agent in powder metallurgy, pyrotechnical incendiary compositions, hydrogen source for metal foaming, surface dispersant for lapping, polishing plate and wheel.

SPECIFICATION

Ti _{total}	min. 99%
Density (Bulk)	approx. 1.43 g/cm ³
Burning rate	70 +/- 7 s/50cm
H	max. 0.035
O	max. 0.55
N	max. 0.06
C	max. 0.03
Cl	max. 0.03
Fe	max. 0.07
Ni	max. 0.04
Si	max. 0.02
Particle size (by sieving)	min. 99.9 % < 120 μm
Average particle size (Blaine)	11 ± 3 μm
Average particle size (Malvern)	22 ± 3 μm