

TECHNICAL DATA SHEET (TDS)

Product	Ti6Al4V Grade 5
Chemical Formula	TiAlV
Chemical Name	Titanium alloy
Product Description	Spherical shape

SPECIFICATION

Particle size (15~45 μ m)	D10 (μ m)	D50 (μ m)	D90 (μ m)
		15~30	25~40
Particle size (50~150 μ m)	D10 (μ m)	D50 (μ m)	D90 (μ m)
		45~60	70~95
Chemical compositions			
Ti (%)	Bal.		
Al (%)	5.50~6.75		
V (%)	3.50~4.50		
Fe (%)	≤ 0.30		
O (%)	≤ 0.20		
Cu (%)	≤ 0.10		
Sn (%)	≤ 0.10		
C (%)	≤ 0.08		
N (%)	≤ 0.05		
H (%)	≤ 0.02		
Y (%)	≤ 0.005		

FROM POWDER TO PERFORMANCE

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