

TECHNICAL DATA SHEET (TDS)

Product	Co28Cr6Mo
Chemical Formula	CoCrMo
Chemical Name	Cobalt 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			
Co (%)	Bal.		
Cr (%)	27.00~30.00		
Mo (%)	5.00~7.00		
Mn (%)	≤ 1.00		
Si (%)	≤ 1.00		
Fe (%)	≤ 0.75		
Ni (%)	≤ 0.50		
C (%)	≤ 0.35		
N (%)	≤ 0.25		
W (%)	≤ 0.20		
Al (%)	≤ 0.10		
O (%)	≤ 0.10		
Ti (%)	≤ 0.10		
P (%)	≤ 0.02		
B (%)	≤ 0.01		
S (%)	≤ 0.01		

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