

## TECHNICAL DATA SHEET (TDS)

<b>Product</b>	<b>In718</b>
Chemical Formula	NiCrFeNbMo
Chemical Name	Nickel alloy
Product Description	Spherical shape

### SPECIFICATION

Particle size (15~45 $\mu$ m)	D10 ( $\mu$ m)	D50 ( $\mu$ m)	D90 ( $\mu$ m)
		15~30	25~40
Particle size (50~150 $\mu$ m)	D10 ( $\mu$ m)	D50 ( $\mu$ m)	D90 ( $\mu$ m)
	45~60	70~95	120~155
Chemical compositions			
Fe (%)	Bal.		
Ni (%)	50.00~55.00		
Cr (%)	17.00~21.00		
Nb (%)	4.75~5.50		
Mo (%)	2.80~3.30		
Ti (%)	0.65~1.15		
Co (%)	$\leq 1.00$		
Al (%)	0.20~0.80		
Mn (%)	$\leq 0.35$		
Si (%)	$\leq 0.35$		
Cu (%)	$\leq 0.30$		
C (%)	$\leq 0.08$		
P (%)	$\leq 0.015$		
Ca (%)	$\leq 0.01$		
Mg (%)	$\leq 0.01$		
B (%)	$\leq 0.006$		
Pb (%)	$\leq 0.0005$		
Bi (%)	$\leq 0.00003$		

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