

TECHNICAL DATA SHEET (TDS)

Product	ADC12(A383)
Chemical Formula	AlSiCu
Chemical Name	Aluminium 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			
Al (%)	Bal.		
Si (%)	9.50~11.50		
Zn (%)	≤ 3.0		
Cu (%)	2.0~3.0		
Fe (%)	≤ 1.30		
Mg (%)	≤ 0.50		
Ti (%)	≤ 0.30		
Ni (%)	≤ 0.30		
Sn (%)	≤ 0.15		
Mn (%)	≤ 0.10		
O (%)	-		
N (%)	-		

FROM POWDER TO PERFORMANCE

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