

TECHNICAL DATA SHEET (TDS)

Product	Al12Si
Chemical Formula	AlSi
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 (%)	11.00-13.00		
Fe (%)	≤ 0.25		
O (%)	≤ 0.20		
N (%)	≤ 0.20		
Ti (%)	≤ 0.15		
Mn (%)	≤ 0.10		
Zn (%)	≤ 0.10		
Cu (%)	≤ 0.05		
Ni (%)	≤ 0.05		
Pb (%)	≤ 0.02		

FROM POWDER TO PERFORMANCE

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