



DATA SHEET

Al 6061 202507

OVERVIEW

MATERIAL PARAMETERS			
Particle Size	Flowability/ s/50g	Bulk Density	Oxygen Content
15-53µm	174	1.4 g/cm ³	510 ppm

CHEMICAL COMPOSITION IN WT%		
Item	Specification	
Chemical Composition/ wt.%	Mg	0.80-1.20
	Si	0.40-0.80
	Cn	0.15-0.40
	Mn	0.15
	Zn	0.25
	Cr	0.04-0.35
	Ti	0.15
	Fe	0.70
	Al	Bal
Laser Particle Size Distribution(%)	D10(µm)	20.20
	D50(µm)	35.00
	D90(µm)	59.62

MECHANICAL PROPERTIES				
Density	Tensile Strength	Yield Strength	Elongation	Thermal Conductivity
99.8%	290MPa	250MPa	14%	180 W/m.K

Disclaimer: Recommendations are for guidance only and the suitability of the material for any application can only be confirmed upon getting to know the actual service conditions. Continuous development may cause changes in technical data without any prior notice.

