

Name	Aluminium AA6063-T5
Grade	AA6063-T5
Description	Mechanical part ,light weight structure, Windows and door, machine cover, decoration part.

Mechanical Properties

Yield Strength 0.2%	214 Mpa
Tensile Strength	241 Mpa
Elongation at Break	12% (for 1.6mm Thickness)
Hardness Brinell	70 HB

Chemical Composition (%)

Aluminium (AL)	Remainder
Copper (Cu)	0.1 Max
Chromium (Cr)	0.1 Max
Silicon (Si)	0.2 - 0.6
Magnesium (Mg)	0.45 - 0.9
Manganese (Mn)	0.1 Max
Iron (Fe)	0.35 Max
Titanium (Ti)	0.1 Max
Zinc (Zn)	0.1 Max
Other each	0.05 Max
Other Total	0.15 Max