

Aluminum Material Grade Composition Chart

Name	ASTM#	Grade	UNS#	Nominal Composition
5083	Forging B-247	5083	A95083	Mg-4-4.9 Mn-.4-1 Si-.40max Fe-.40max Cu-.10max Cr-.05-.25 Zn-.25max Ti-.15max
5083	Bar B-221	5083	A95083	Mg-4-4.9 Mn-.4-1 Si-.40max Fe-.40max Cu-.10max Cr-.05-.25 Zn-.25max Ti-.15max
5086	B-221	5086	A95086	Mg-3.5-4.5 Mn-.2-.7 Si-.40max Fe-.50max Cu-.10max Cr-.05-.25 Zn-.25max Ti-.15max
6061	Forging B-247	6061	A96061	Mg-.8-1.2 Mn-.15max Si-.4-.8 Fe-.70max Cu-.15-.40 Cr-.04-.35 Zn-.25max Ti-.15max
6061	Bar B-221	6061	A96061	Mg-.8-1.2 Mn-.15max Si-.4-.8 Fe-.70max Cu-.15-.40 Cr-.04-.35 Zn-.25max Ti-.15max