




Aluminum Beryllium Specialty Alloy

Aluminum Beryllium master alloys can be introduced into aluminum magnesium melts to reduce magnesium losses. Small beryllium additions to the melt also result in improved surface quality of DC billet, and impart improved mechanical properties for premium quality aluminum castings.

Aluminum Beryllium

Alloy		Composition Limits Maximum unless shown as a range				Aluminum Association Color Coding	Form
1%Be		Be 0.9-1.2	Fe 0.22	Mg 0.2		_____	Waffle Ingot Rod
			Si 0.5	Others Each 0.03			
			Cu 0.1	Total 0.01			
			Ni 0.1				
			Cr 0.02				
2.5%Be		Be 2.25-3	Si 0.2	V 0.01			Buttons
			Fe 0.4	Cu 0.05			
			Mg 0.5	Zn 0.1			
			Zr 0.01	Others Each 0.02			
				Total 0.1			
5%Be	H2005	Be 4.5-6	Si 0.2	Cr 0.02			Notched Ingot Buttons
			Fe 0.4	Mg 0.5		1 black / 1 yellow	Korrect bar
			Cu 0.05	Ti 0.02			
			Mn 0.02	Zn 0.1			
			Ni 0.02	Others Each 0.05			
				Total 0.15			