



Creasey Castings Limited

**Aluminium Casting Alloys
SPECIFICATIONS**

BSL169 (Al-Si7Mg0.6)

Copper	0.1
Magnesium	0.5 - 0.75
Silicon	6.5 - 7.5
Iron	0.2
Manganese	0.1
Nickel	0.05
Zinc	0.1
Titanium	0.1 - 0.2
Beryllium	0.07
Others: Total	0.15

BSL119 (Al-Cu5.0Ni1.0Mn0.25Ti0.2)

Copper	4.5 - 5.5
Magnesium	0.1
Silicon	0.3
Iron	0.5
Manganese	0.2 - 0.3
Nickel	1.3 - 1.7
Zinc	0.1
Titanium	0.15 - 0.25
Zirconium	0.1 - 0.3
Cobalt	0.1 - 0.3
Antimony	0.1 - 0.3

LM25 (Al-Si7Mg0.5)

Copper	0.2
Magnesium	0.2 - 0.6
Silicon	6.5 - 7.5
Iron	0.5
Manganese	0.3
Nickel	0.1
Zinc	0.1
Lead	0.1
Tin	0.05
Titanium	0.1 - 0.2
Others: Total	0.15

BSL155 (Al-Cu4Si1)

Copper	3.8 - 4.5
Magnesium	0.1
Silicon	1.0 - 1.5
Iron	0.25
Manganese	0.1
Nickel	0.1
Zinc	0.1
Lead	0.05
Tin	0.05
Titanium	0.05 - 0.25
Others: Total	0.15

LM6 (Al-Si12)

Copper	0.1
Magnesium	0.1
Silicon	10.0 - 13.0
Iron	0.6
Manganese	0.5
Nickel	0.1
Zinc	0.1
Lead	0.1
Tin	0.05
Titanium	0.1 - 0.2
Others: Total	0.15

LM9 (Al-Si12Mg0.5)

Copper	0.2
Magnesium	0.2 - 0.6
Silicon	10.0 - 13.0
Iron	0.6
Manganese	0.3 - 0.7
Nickel	0.1
Zinc	0.1
Lead	0.1
Tin	0.05
Titanium	0.2
Others: Total	0.15

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