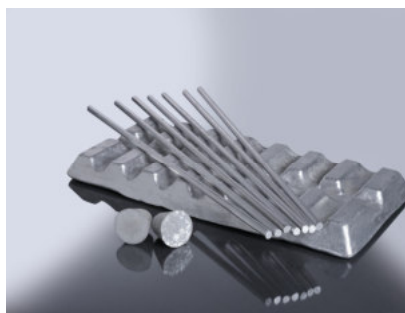




ALUMINIUM 90% STRONTIUM 10% in sticks form



**Modifier for eutectic alloys
 Al-Si 7-13%**

**Improvement of mechanical
 characteristics of alloy**

Pre-weighted for easier dosage

**No fumes during addition in liquid
 metal**

Description

Aluminium 90% Strontium 10% is a metallic alloy in sticks form to be used in aluminium of gravity, low pressure, high pressure and sand foundries, to introduce Strontium in the composition of eutectic alloy Al Si 7-13% in order to obtain a modifying effect. The pre-weighted sticks are added in aluminium liquid alloy to modify the structure of primary silicon and induce the structure to change Silicon morphology from lamellar to uniform and globular.

Amount to use

Standard addition ratio is 0,01%-0,02% and according to the thickness of the casting walls and the casting technique.

Alloy to be treated	Standard	Grams for 100 kg alloy
Al Si 7 Mg 0,3	EN AB 42100	150 - 200
Al Si 10 Mg (a)	EN AB 43000	150 - 250
Al Si 9 Mg	EN AB 43300	150 - 200
Al Si 11 (Mg)	EB AB 44000	150 - 250
Castasil®-37	Al Si 9 Mn	50 - 100
Silafont®-36	Al Si 9 Mg Mn	50 - 100

Method of use

Add, in liquid metal alloy after having carefully pre-heated the sticks. It is possible to add before or when bath temperature is 700 - 760°C. Always consider that incubation time is required after addition of the modifier. This will allow to obtain a good modification status in the alloy. 20 minutes is a reasonable time to wait in the holding furnace before starting pouring procedures. Thermo analysis instrument is suitable for a consistent control of modification status on the liquid alloy.

Packaging and storage

Stick characteristics:
 Diameter: 9,5 mm
 Length: 500 mm
 Weight: 100 grams
 Packaging: 15 kg cardboard boxes