

STRONTIUM ALUMINUM ALLOYS

IMACRO supplies and distributes high quality Strontium-Aluminum alloys to add to hypoeutectic aluminum-silicon casting alloys (5 - 13% Si) as a modifying agent to reduce scrap and increase productivity by:

- Controlling silicon morphology
- Improving mechanical properties – tensile strength, elongation, impact strength
- Improving machinability
- Reducing hot tearing
- Reducing heat treatment times
- Controlling porosity distribution
- Improving die filling
- Suppressing primary silicon formation
- Reducing die sticking, especially in HPDC

IMACRO

IMACRO Technical and Sales Representatives will be pleased to discuss your requirements for composition, form and packaging.

Please Contact our sales office located at the following address:

Business Office:
1254 Plains Road East
Burlington, Ontario, Canada
Tel: 905-634-3133

Email: info@imacroinc.com

Aluminum Alloy Specifications

Product	Strontium	Aluminum
Stronal 9010	87.5 - 92.5%	Balance
3.5% Strontium	3 - 4 %	Balance
5% Strontium	4.5 - 5.5 %	Balance
10% Strontium	9 - 11 %	Balance
15% Strontium	14 - 16 %	Balance

Product Form and Packaging

STRONAL 9010 - packed in sealed tubes in drums on pallets.
3.5% SrAl, 5% SrAl, 10% SrAl and 15% SrAl Alloys - available as cut bar, cut rod and waffle ingots.
Cut bar typical weights: 100g, 200g, 350g, 500g (1/4 lb, 1/2 lb, 3/4 lb, 1 lb).
Cut rod diameter - nominal: 9.6mm (3/8" Ø).
Cut rod lengths: 150mm, 300mm, 500mm and 1,000mm (6", 12", 20" and 40"); other lengths available upon request.
Waffle ingot weight: 7 - 8kgs (15 - 18 lbs).
Packaging may vary depending on the shape and size of product; drums, pallet boxes, pallets.

Please enquire about other forms or packaging.

Product Specifications are subject to change at the Company's discretion.

