

RAM

Hycast[®] Casthouse Technology – Crucible Treatment for Alkali Metal Removal



The Removal of alkaline metal is carried out by the introduction of aluminium fluoride (AlF_3) to the liquid aluminium through a rotor using argon as transport medium. The Hycast[®] RAM system is a customized system that is tailor made for the tapping system on the smelter. Can be supplied with one or two-rotor solution.

Hycast[®] RAM - Characteristics

- High removal efficiency for alkaline metal and carbides
- Patented rotor design and injection system
- Environmentally friendly - no need for chlorine in the cast house process line
- Reduced inclusion level in the pot-line metal transferred to the casting furnace
- Reduced dross formation in casting furnace due to low Na content
- Reduced cycle time for casting furnace due to minimized in-furnace melt treatment

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HYCAST[®]

By  Hydro