DATA

FOSECO

Product Data Sheet – Furnace Deck – Non-Ferrous

NITRAL 10

Cleaning Tablet for Aluminium and Aluminium Alloys

Product Description

NITRAL 10 is suitable for all aluminium alloys in sand, die and pressure die casting with the exception of sensitive AlMg alloys in which tiny traces of sodium are deleterious. During its reaction in the melt fine dispersed completely dry nitrogen is generated which flushes out both solid and gaseous inclusions without removing effective modifying agents such as sodium or strontium. The reaction of NITRAL 10 is free of fume and odour and therefore application in roof-heated furnaces is also possible.

Application

NITRAL 10 is commonly used as an additional cleaning agent after transfer of already cleaned and treated melts. Generally the melt should be treated with NITRAL 10 after each refill. The required amount is plunged with a clean and perforated plunging bell into the melt. After finishing the reaction the dross is removed carefully from the melt surface.

Application Temperature

680 to 750 °C

Dosage

0.1% for additional cleaning operation
0.2% in combined melting and holding furnaces

Packaging

Packing unit:	21.6 kg cardboard box
Tablet weight:	200 g standard
Colour:	orange-brown

Storage & Shelf Life

Twenty-four (24) months
The shelf life represents the period during which the product will remain fit-for-purpose.
Storage of the product should be in a cool, dry place in the original unopened packaging.

Health and Safety

Keep tablets dry.
Close opened packages after use to avoid moisture pick-up.
Preheat plunging bell before use.

For further information consult the Material Safety Data Sheet No. 24-8799.

Further Remarks

For safety reasons the product mentioned above must only be used according to these application guidelines. The data provided above is for guidance only and does not represent a specification. All rights to make technical changes to improve the product are reserved.

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