



AFFIGRAL G 10
AFFIGRAL G 10/G

APPLICATIONS

AFFIGRAL G 10 or G 10/G is a refining and deoxidizing flux that can be used with all aluminium alloys.

In the case of aluminium-silicon alloys, its use will be limited to hypoeutectics.

CHARACTERISTICS

- **AFFIGRAL G 10** takes the form of orange powder.
- **AFFIGRAL G 10/G** takes the form of orange granulars.
- Recommended temperature of use : from 700° to 750°C.
- Proportion : 0.2 to 0.6 % of the weight of metal to be treated.
- The refining effect is produced by the reaction with the metal of titanium and boron salts that form, in situ, crystals of TiB₂ that act as germination elements.
- For information : 0.1 % **AFFIGRAL G 10 or G 10/G** introduce : 50 ppm Ti
4.5 ppm B

HOW TO USE

- Melting of the charge.
- Slagging-off using ECREMAL flux.
- Possible correction of the titre of the alloy.
- Refining and deoxidation using 0,2 to 0,6 % **AFFIGRAL G 10 or G 10/G** : put in by bell.
- Degassing (1).
- Slagging-off.
- Wait 10 to 15 mn depending on the quantity of metal treated.
- Cast.

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HEALTH AND SAFETY

- Use in a well ventilated atmosphere.
- Do not swallow or inhale.
- Avoid contact with the skin and eyes.
- Wear the usual individual protection accessories.
- For further information refer to the Product Safety Sheet.

PACKAGING

50-kg water-tight polyethylene bag or drum.

STORAGE

Store in a cool place, away from moisture, in its original packaging.

REMARKS

- (1) The degassing treatment can be done with the help of DESYDRAL flux or PURIFAL rotor degassing unit.

Those information can not be considered as committing our responsibility in case of defective application. Previous tests have to be done before each use. Our specialists are at the user's disposal to help them in solving at best their problems.

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