


TECHNICAL DATA SHEET

B – TECH DEMETAL 2100**Anti solder compound for aluminium die-casting.****DESCRIPTION**

B – TECH DEMETA 2100 is a special anti solder paste for aluminium die-casting.

 Contains: mineral oils, additives, pigments.


TECHNICAL DETAILS


<i>Physical form:</i>	paste
<i>Colour:</i>	black
<i>Odour:</i>	mild
<i>Density (15°C):</i>	0.990 g/ml
<i>Flash Point:</i>	275 °C
<i>Melting Point:</i>	75 °C
<i>Solubility:</i>	insoluble in water, partially soluble in organic solvents

SPECIFICATIONS

ANALYSIS	METHOD	STANDARD LIMITS
Appearance 20°C	Vis. (AO/1)	black paste
Thermogravimetric analysis	Overlay (TA/2)	Good to very good overlap

CHARACTERISTICS

 B – TECH DEMETAL 2100 contains particularly selected raw materials which allow to realize a stable and resistant film, protecting the mostly exposed moulding surface areas from erosion and sticking problems.

 Its slightly acidic composition ensures a good removal of soldered material.

HOW TO USE**As a solder removal:**

1. Apply a small quantity of product to the solder (build-up) by a brush or a cotton cloth. The die temperature should be 250 °C or more.
2. Then apply the die lubricant, by spraying and make the normal injection of melted alloy.
3. If necessary repeat this treatment.

As a pre-coating on a new die or as a start-up product:


1. As the die reach a temperature of 250°C at least, apply a thin coating of product on the die by means of a brush.
2. Wait until the die shows a dull black colour, and repeat for two or three times.
3. Start with normal production. Afterwards, repeat the application if a lightening from black to grey to white takes place.

STORAGE

☼ Store in a fresh and dry area, in original, sealed package, at a ambient temperature (not more than 35 °C).

 Shelf life: not less than 18 months in the original closed packaging.

PACKAGING

 Can: 1.0 kg Net weight
Pail: 10 kg Net weight

FURTHER INFORMAT.

For information regarding safety, transport and disposal, refer to the Safety Data Sheet of the product.

The data in this technical information sheet correspond to the properties of the product at the time of the sale and with regard to the specified application. It is on the responsibility of the user to make sure that the product is suitable for the use to which he intends to destine it.