

DATA SHEET

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## B-TECH DEMETAL 03/S

**Lubricating release agent in stick**

**DESCRIPTION** Compound of solid innovative lubricating release agents, graphite-free, in stick, used in Extrusion, Die-casting and for general purpose.

<b>TECHNICAL DETAILS</b>	<i>Physical state:</i>	solid stick
	<i>Colour:</i>	amber yellow to orange-red
	<i>Odour:</i>	mild, typical
	<i>Density (20°C):</i>	appr. 0.85 Kg/l
	<i>Flash Point:</i>	> 250 °C
	<i>Melting Point:</i>	appr. 100 °C
	<i>Solubility:</i>	insoluble in water and solvents

<b>SPECIFICATIONS</b>	TEST	METHOD	STANDARD LIMIT
	Appearance	Visual (AO/1)	amber yellow to orange-red stick
	FTIR Spectrum	Spectra compar. (IR/1)	min. 0,990

**CHARACTERISTICS**

- ✓ B-TECH DEMETAL 03/S has been particularly developed as a lubricating reinforce for those applications at high and very high temperatures, where an excellent parting capacity is also required.
- ✓ It forms a thick and highly thermal resistant film on the treated surfaces reducing the dripping at melted state.
- ✓ Its flash point is very high and it does not develop harmful gases by pyrolysis or by combustion. It is free of graphite, hence it leaves cleaner the treated surfaces.

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**HOW TO USE** Put the stick in direct contact with the hot surfaces. In case of a large surface to be treated, swipe it over. The stick will melt immediately in contact with the hot metal and spread on it.



**SUGGESTED APPLICATIONS**

- It is particularly indicated as lubricant and anti-sticking agent in Aluminium Extrusion, around the dummy block and on the ring container/matrix holder.
- In die-casting and other high temperature processes as a lubricating anti-sticking reinforce.

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**STORAGE**



Avoid storage under the sun.



Shelf life: not less than 24 months, in original closed packaging.

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**PACKAGING**



Cardboard Boxes: 30 Sticks

Stick dimensions: approx. 19x5x3,5 cm

Stick weight: approx. 0,25 Kg

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**FURTHER INFORMAT.**

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

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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 apply it.