



CERAFLUX

An ISO 9001 Certified Company

**"The Only Indian Company Manufacturing
Wide Range of Metallurgical Products "**

CRAFTCOTE - TES

(Tellurium-tin water base inoculation chilling coat)

THE PRODUCT :

CRAFTCOTE -TES is water based thixotropic coating containing metallic tellurium, tin and other refractories as a filler base. It is used for getting desired localized chilling effect for grey cast iron castings. It is applied on sand mould or core surfaces.

PRODUCT FUNCTION :

For certain applications, it is required to have localized chilling effect in grey cast iron casting for improving the hardness and wear resistance characteristics. This can be achieved by applying CRAFTCOTE - TES (a tellurium & tin base) coating on mould or core surface which acts as a chill promoting media.

CRAFTCOTE –TES can also be used for directional solidification which avoids shrinkage defects. This function can eliminate use of metallic chills in complex mould or core areas. CRAFTCOTE – TES gives excellent effect upto the depth of 5 to 10mm.

To achieve both wear resistance and machinability to casting CRAFTCOTE- TES can be used on dilution with water in the ratio 1:0.5(product: water)

APPLICATIONS :

CRAFTCOTE – TES is to be applied as it is by brushing or swabbing after uniform mixing. Mould or core should be thoroughly dried before pouring the metal. (Do not heavily touch the coating). Whenever double coating is required take care that the previous coat is thoroughly air dried. For economical practice, give first coat of zircon base coating on the portion when CRAFTCOTE – TES is to be used.

PHYSICAL PROPERTIES :

Colour : Grey

Appearance : Paste

Sp. Gravity : 1.80 - 2.00

@ (27±3)°C

PACKING :- 2 kg plastic can
5 kg plastic can.

SHELF LIFE :- 6 months from date of manufacturing in closed intact packing kept in cool and dry place

NOTE:- Above information is true and accurate based on controlled laboratory testing. However user is responsible for determining suitability for application at their end. No guarantee is implied since the condition in actual use differs widely & beyond our control.

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