

# TECHNICAL SPECIFICATION

# INKABOR TIM

Powder

## DISODIUM OCTABORATE TETRAHYDRATE

FOR TIMBER PRESERVATION



CAS N°12280-03-4

### CHEMICAL SPECIFICATION

	Range (%)
Equiv. Disodium Octaborate Tetrahydrate( $\text{Na}_2\text{B}_8\text{O}_{13}\cdot 4\text{H}_2\text{O}$ )	99.20 - 101.00
Boric oxide ( $\text{B}_2\text{O}_3$ )	66.97 - 68.18
Boron (B)	20.80 - 21.17
Sodium Oxide ( $\text{Na}_2\text{O}$ )	14.90 - 15.17
Solubility in water at 20 °C	165 - 185 g/L INK TIM
pH at 20°C	7.0 - 8.0

	EXPECTED (ppm)	MAXIMUM (ppm)
Sulfate ( $\text{SO}_4$ )	400	1800
Chloride (Cl)	200	600
Iron (Fe)	5	35

### GRANULOMETRY SPECIFICATION: AS PER METHOD A.S.T.M. N° C1070-01

A.S.T.M. Sieve N°	$\mu\text{m}$	Retained (%)
200	75	15 max.

### BULK DENSITY

	$\text{t}/\text{m}^3$
Typical Range	0.50 - 0.60

### PACKING

25 kg Paper bag with a polyethylene liner.

### ADDITIONAL INFORMATION

The above specifications are established and guaranteed by the following Inkabor Analytical Methods:

- Volumetric Determination of  $\%\text{Na}_2\text{O}$  and  $\%\text{B}_2\text{O}_3$  (BS 5688)

Inkabor is a member of:

