

Product description

1. Paint summary

Paint name : THERMOSIN A 6 1 0 1 B K 0 1 S
 Type of paint : Heat resistant aqueous paint(one-liquid type)
 Applicable temperature : Room temp~ 6 5 0 °C

2. Paint properties

Item	Unit	Paint propertie	Note
Appearance	—	Black color liquid	
Viscosity	seconds	2 0 ~ 4 0	NK-2/25°C
Gravity/weight rate	—	1.1 5 ~ 1.2 5	25°C
Heating residue	%	4 7.0 ~ 5 3.0	120°C×20min

3. Performance of coating film

Item		Content of measure test	Test result
Primary characteristics	Pencil hardness	Pencil hardness	F
	Adhesiveness	Cross cut tape test(100square)	100/100
	Anti corrosivity	Salt water mist test(have cross cut) Checking after 240h appearance	No problem
Secondary characteristics	Heat resistantness	Checking appearance after 650°C × 200h	No problem
		Checking adhesiveness after 650°C × 200h	100/100
	Cycling test of cooling and heating	Checking adhesiveness after 650°C × 3h and after finishing it and make test piece into water for cooling. After that 1cycling we check adhesiveness	100/100
		After that 650°C × 3h heating ,make the test piece into water and cool it down. (1cycle)After conducting 3cycle checked appearance of coating film	No problem

Condition to produce test piece

Base material : SUS430-2B (Blast treatment)

The way to paint Air splay

Viscosity arrangement drinking water(0 ~ 1 0 %)

Condition for baking After Drying for 5min or more in room temp , baking 2 0 0 °C × 2 0 min

Dried coat thickness : 3 0 μm

The contents of the description do not guarantee the quality.

When you using it, please make a judgment based on the evaluation of each dear customer.

4. Recommendable condition for painting

Applicable base material Various metals (iron, S U S ,Aliminium etc.)

Pre treatment of base material : degreasing treatment or blasting treatment

Way to paint Air splay

Thinner : drinking water

Dilution rate : 0 ~ 1 0 % (weight rate)

Amount paint to be painted : 4 3 0 ~ 5 7 0 g / m² (value of calculation)

Pre-drying : 5min or more in room temp

Baking : 2 0 0 °C × 2 0 min (Object keeping conditions)

Dried coat thickness : 3 0 ~ 4 0 μm

5. Packing style

1 k g : Plastic container or plastic pail can

4 k g : Plastic container or plastic pail can

1 6 k g : plastic pail can

6. Precacution

- Please store in the place which is not spotted sun light directly and keeping temp 5 ~ 3 5 °C. (This standard value is temperature in summer ,We recommend make liquid temperature difference smaller)
- When you using, please mix to average whole liquid and use it.
(Mixing is not enough may cause coating film disorder)
- Please ventilate well and ,put protective equipment on your body.
- When try to painting, we recommend 1 5 ~ 3 5 °C as atmosphere temperature.
- Please use designated thinner as dilutive agent.
- Please close can except that the time to use for avoiding entry of dust +the other material and avoid vaporizing paint substance.
- Please wash painting tool as soon as you finished painting work.
- As for dangerous and hazardous information and detail about how to treat , please refer to SDS.

7. Contact information

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