

SPECIFICATION

No. 92

PRODUCT NAME : TR-1 (Black)

Features
Heat resistant 300°C(572° F)
Glossy type
Color : Black
There is a great performance as the paint for inside and outside of iron pot etc.
Non-stick and preventing from a stain of food by silicone resin and non-stick oil.

Application
Inside and outside of Iron pot, Frying pan and so on

1. Coating method

Item	Standard
Substrate	Iron etc.
Preparation	Blast
Coating method	Air spray, Electrostatic painting
Dilution	10 - 25 %
Diluent	No.50B thinner, No.100B thinner
Film thickness	15 - 25 μ m
Preliminary drying	120°C(248° F) /over 10mins.
Drying	280°C(536° F)/15mins.
Coatint coverage	5m ² /kg
Shelf life	6 months

2. Coating film performance

Impact resistance	Result	50cm
	Test method	Dupon type impact resistance test 1/2", 500g
Hardness	Result	3H
	Test method	JIS Pencil hardness test
Adhesion	Result	100/100
	Test method	100 squares of 1mm crosshatch; tape pull
Salt spray resistance	Result	No defect
	Test method	JIS Salt spray test 24hrs./1cycle
Water resistance	Result	No defect
	Test method	Immerse in tap water at room temp. for 96hrs.
Boiling water resistance	Result	No defect
	Test method	Immerse in boiling water for 2hrs.
Acid resistance	Result	No defect
	Test method	Immerse in 5%-CH ₃ COOH at room temp. for 2 hrs.
Alkali resistance	Result	No defect
	Test method	Immerse in 5%-NaOH at room temp. for 2hrs.