

SPECIFICATION

No. 189

PRODUCT NAME : Okitsumo GFO type

Features
Heat resistant 250°C(482° F)
Gross : Slight gloss
Each colors (It is possible to match color)
Easy to wipe off boiling over food
Excellent for heating hardness

Application
Outside of frying pan and pot
Iron

1. Coating method

Item	Standard
Substrate	Aluminium etc.
Preparation	Remove oil or blast
Dilution	20 - 40%
Diluent	No.50B, No.100B thinner
Coating viscosity	10 - 13sec. (Iwata cup)
Coating method	Air spray
Film thickness	15 - 35 μ m
Preliminary drying	120°C (248° F) \times over 10mins.
Drying	260°C(500° F) \times 20mins. Or 280°C(536° F) \times 15mins.
Coating coverage	5 - 6m ² /kg
Shelf life	6 months

2. Coating film performance

2-1 Coating film performance was confirmed in accordance with 2-3
(Coating film performance).

2-2 For testing, use either product sample or the same material.

The tested sample was made in accordance with the specification.

2-3 Coating film performance

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