

FACT SHEET

Description

It has a good heat resistant performance which can be reached at from 200 to 230 °C, It belong to one layer solvent coating based on silicon resin pitch rosin colophony, And it has strong dirty resistant performance which cannot affected by the fat and protein under the using temperature.

Using scope

It is suitable for the exterior side of the cookware and some decorated product which has the requirement for the heat resistant.

Physical data

Product code	2-/3-/6-series
Coating layer	1 layer
Color	rich
Viscosity (IWATA cup 2#)	35-50 sec (25°C)
Solid, weight (%)	44±2%
Density (g/cm ³)	1.05±0.05
Coverage degree(100% efficiency):	16.8m ² /kg

Application

Base material	aluminum/iron steel
Surface treatment	phosphorization and sand blast (1~2 μm Ra)
Spraying methods	by hand, auto spraying or electrostatic spraying
Filter	120-150 meshes stainless steel or nylon net
Operating Viscosity	18±2 sec (25°C, adjusting according to the fact)
DFT	18-22 μm, drying with 120-150x3-5 min.
Curing	260-280°C x 6-10 minutes (body temperature)
Thinner	solvent of esters, ethers or ketons. (It is suggested to use our company special thinner S-2600)

Film character

Adhesion	100% no peel off of coating with 100/100 grid
Hardness	2H room temperature, Mitsubishi pencil
Solvent resistance	without hurting for 50 times with MEK applying

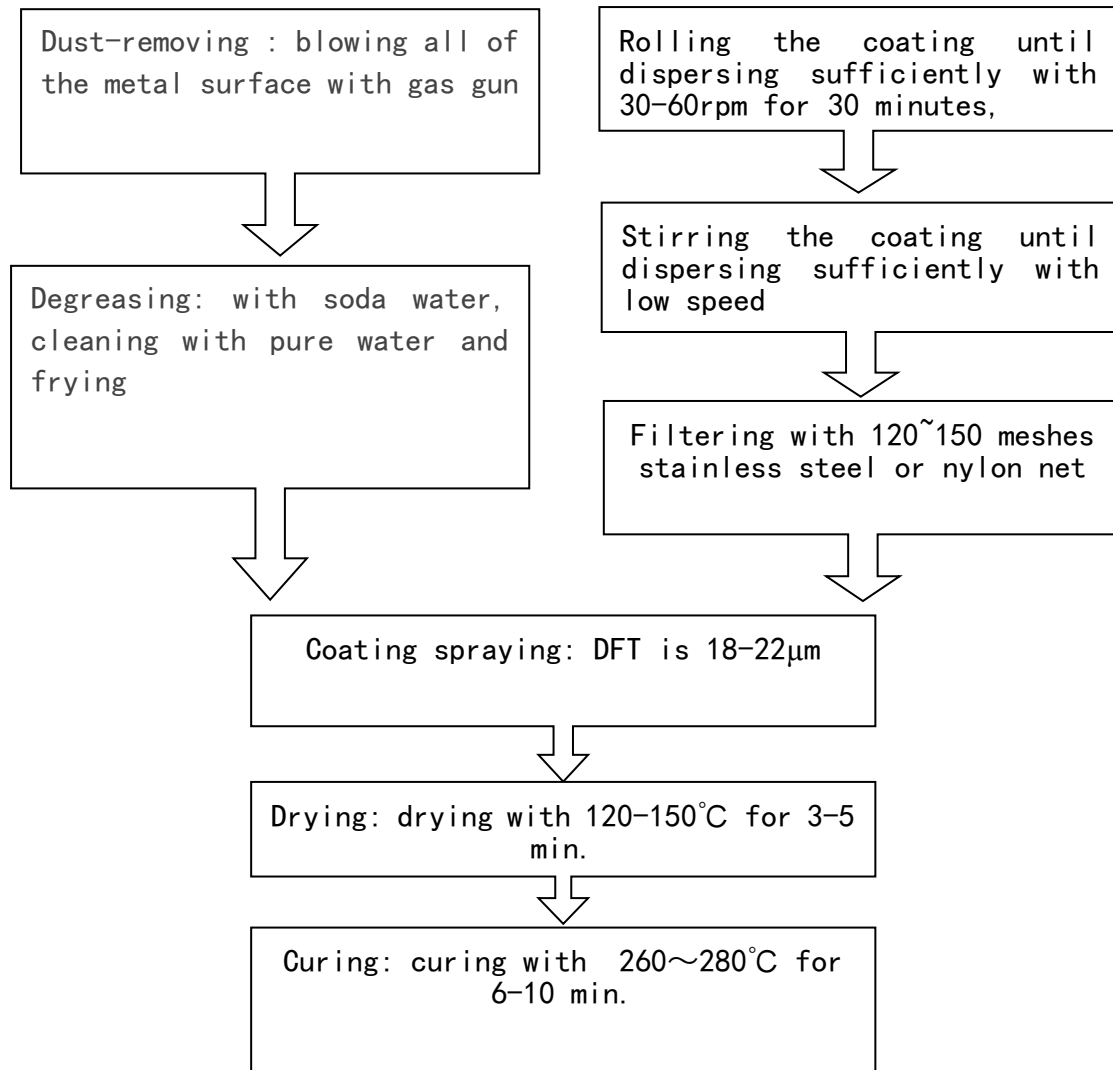
Maintenance & storage

- 1) Avoid fire because of solvent coating
- 2) To shake it before application (rolling with 30-60rpm for 15 minutes)
- 3) To shake or stir it per month (rolling with 30-60rpm for 30 minutes)

Attention

- 1) The storage temperature is suggested to be 18°C-25°C and the expire date is 6 months from the manufacturing date.
- 2) The data is from lab test, Pls do contact our technician when spraying in a mass.

OPERATING PROCESS



Remark

- 1) In order to reach at the good performance which is avoided dust, oil or other pollutant of the production 's surface.
- 2) Use the low shear force dispersion to stir with low speed which is avoid strong shear force dispersion stirring with high speed.