FEP Coating Powder
NC-2510

TECHNICAL
DATASHEET

FEP Coating powder for topcoat (NC-2510).

Overview

- NC-2510 is a FEP powder for electrostatic spraying.
- NC-2510 makes clear layers displaying excellent corrosion resistance and thermal resistance.
- It is suitable for variable industrial use.

Characteristics

Film Appearance	Processing method	Processable film thickness
Clear	Electrostatic coating	100-500 μm

Characteristics of the powder

Items	Unit	Data	Method of measurement
Bulk density	g/ml	≧0.7	JIS K6891
Average particle size	μm	35-55	Laser diffraction

Characteristics of the coating film

Items	Unit	Data	Method of measurement
Static friction coefficient	-	0.05-0.08	Bauden leben steel sheet
Contact angle(Water) (Hexadecane)	degree	110 52	Goniometer at 25℃
Thermal stability	℃	420	1% weight loss in air
Maximum temperature for continuous use	℃	200	-
Limiting oxygen index(LOI)	-	>95	ASTM D6823

Coating procedure

1. Surface treatment of substrate

Thoroughly remove dirt and dust on the surface by baking or solvent degreasing. Please use sand blasting to roughen the substrate surface and perform blasting evenly so that the surface roughness (Ra) is over 0.8 μm. (In case of stainless steel), 2.0～4.0μm(In case of aluminum)

2.Applying primer

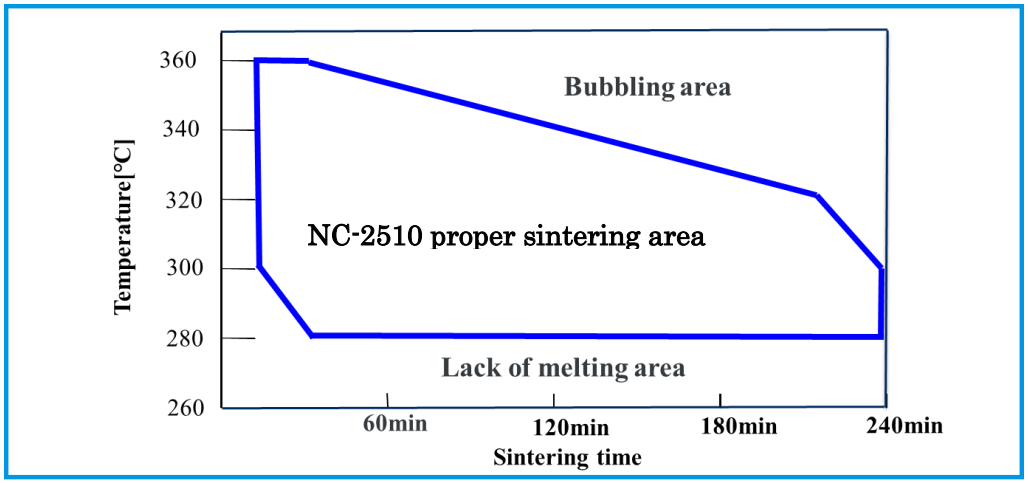
Applicable primer

・NPW-1700C series :Water based primer (please refer to TDS for NPW-1700C series)

・NCP-2909: Powder primer(please refer to TDS for NCP-2909)

3.Applying top coat

Apply top coat after drying and cooling the primer layer, FEP coating powder can be used for the top coat(NC-2510). Please follow coating process of each top coat.



Handling method/Safety information

- Be sure to read the notes on SDS and labels before use.
- This product is not specifically designed or manufactured for use in implantable medical and/or dental devices. We have not tested it for such application and will only sell it for such use pursuant to contact containing specific terms and conditions required by us.

For more information, visit our website.

DAIKIN INDUSTRIES,LTD.

Chemicals Division	http://www.daikin.com/chm
Global Locations	http://www.daikin.com/locations/business/chm/

Technical Data Sheet_NC-2510_E_ver01_JUN_2023