

## FEP Coating powder for topcoat (NC-2505).

### Overview

- NC-2505 is a FEP powder for electrostatic spraying.
- NC-2505 makes green layers displaying excellent corrosion resistance and thermal resistance.
- It is suitable for variable industrial use.

### Characteristics

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

### Characteristics of the powder

Items	Unit	Data	Method of measurement
Bulk density	g/ml	≥0.8	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)

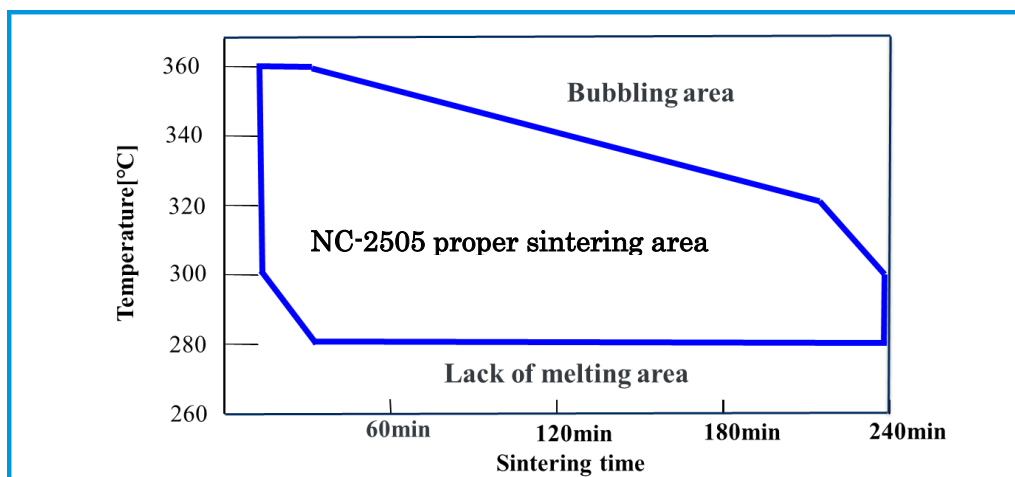
#### 2.Applying primer

Applicable primer

- NPW-1700series :Water based primer (please refer to TDS for NPW-1700 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-2505). 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 contract containing specific terms and conditions required by us.

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