

Fluoropolymer Coating Powder NEOFLON FEP NC-1500

 TECHNICAL
DATASHEET

FEP powder for excellent corrosion resistance.

Introduction

- NEOFLON FEP NC-1500 grade is a FEP powder for electrostatic spraying.
- NEOFLON FEP NC-1500 makes a clear layer displaying excellent corrosion resistance and heat resistance.
- It is good for linings in chemical industry.

Characteristics

Film appearance	Processing method	Applicable film thickness
Clear	Electrostatic spraying	100~300μm

Characteristics of the powder

Items	Unit	Data	Method of measurement
Bulk density	g/ml	0.6	JIS K6891
Average particle size	μm	30	Laser diffraction
Melting point of raw material	°C	270	ASTM D2116
MFR of raw material	g/10min	1	ASTM D2116

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)	°	105 50	Contact angle meter at 25°C
Tensile strength	MPa	26.5 – 32.4	JIS K6888
Elongation	%	310 – 360	JIS K6888

* The numeric values above are typical and not guaranteed.

Handling method/Safety information

- Be sure to read the notes on SDS and labels before use.
- This product is intended for general industry, and therefore its adequacy and safety as a raw material for medical purposes cannot be guaranteed.

For more information, visit our website.

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