

Fluoropolymer Coating Powder NEOFLON PFA ACX-31

 TECHNICAL
DATASHEET

PFA powder for non-stick property.

Introduction

- NEOFLON PFA ACX grade is a PFA powder for electrostatic spraying.
- NEOFLON PFA ACX-31 makes a clear layer displaying non-stick property.
- It is good for cooking appliances.

Characteristics

Film appearance	Processing method	Applicable film thickness
Clear	Electrostatic spraying	30~100μm

Physical properties of the powder

Items	Unit	Data	Method of measurement
Bulk density	g/ml	0.8	JIS K6891
Average particle size	μm	25	Laser diffraction
Melting point of raw material	°C	305	ASTM D3307
MFR of raw material	g/10min	25	ASTM D3307

General physical properties of the coating film

Items	Unit	Data	Method of measurement
Taber abrasion	mg/1000 rounds	5 - 15	CS-17, 1kg
Static friction coefficient	-	0.05 - 0.08	Bauden leben steel sheet
Contact angle (Water) (Hexadecane)	degree	102 - 106 65	Contact angle meter at 25°C
Tensile strength	MPa	19.6 - 31.4	JIS K6888
Elongation	%	250 - 350	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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