

# Fluoropolymer Coating Powder NEOFLON PFA AC-5820

 TECHNICAL  
DATASHEET

**PFA powder for excellent corrosion resistance with rotational molding/lining.**

## Introduction

- NEOFLON PFA AC-5800 grade is a PFA powder for rotational molding/lining.
- NEOFLON PFA AC-5820 is a PFA powder with higher melt viscosity.
- It makes a clear layer displaying excellent corrosion resistance and heat resistance.
- It is good for linings in chemical industry and semiconductor industry.

## Characteristics

Film appearance	Processing method	Applicable film thickness
Clear	Rotational lining /molding,	1,000~2,000μm

※ AC-5830 can be added if necessary.

## Physical properties of the powder

Items	Unit	Data	Method of measurement
Bulk density	g/ml	0.9	JIS K6891
Average particle size	μm	180	Laser diffraction
Melting point of raw material	°C	305	ASTM D3307
MFR of raw material	g/10min	7	ASTM D3307

## General physical properties 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	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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