

Fluoropolymer

NEOFLON PFA AP-230AS

TECHNICAL
DATASHEET

**NEOFLON PFA AP-230AS is a conductive fluorocarbon resin.
It is suitable for extrusion molding.**

Introduction

- **AP-230AS** is a copolymer of tetrafluoroethylene and perfluoroalkyl vinyl ether.
- It is a **PFA with conductivity**.
- **Good melt flowability** while maintaining excellent properties of PTFE. It can be melt-molded as a thermoplastic resin by **extrusion molding, transfer molding, compression molding** and the like.
- Especially, it is used for **thin-walled tubes for copy rolls** by extrusion molding.
- **Excellent chemical resistance** which is not affected by most of the chemicals.
- It can also be adopted to conductive **valve lining applications**.
- It retains flexibility without losing toughness under the environment from cryogenic to high temperature.
- No change in the resistance value up to 200 °C.
- Non-stickiness. It shows excellent releasability and water repellency / oil repellency.

General physical properties

Item	Unit	Value	Test Method
MFR	g/10min	1.9	ASTM D 3307 Compliant
Melting Point	°C	300	DSC
Volume resistivity	Ω·cm	7.5x10 ¹²	DAIKIN Method
Tensile Strength	MPa	35	ASTM D 1708 Compliant
Elongation	%	260	ASTM D 1708 Compliant

* The above values are representative values, not guaranteed values.

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.

Packing specification

- 50Kg

For more information, contact us.

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