Fluoropolymer

NEOFLON PFA AP-202

TECHNICAL DATASHEET

NEOFLON PFA AP-202 is an ultra-high flowability fluororesin. It is suitable for extrusion molding of fine and thin wall electric wire

Introduction

- **AP-202** is a copolymer of tetrafluoroethylene and perfluoroalkyl vinyl ether.
- **Good melt flowability** while maintaining excellent properties of PTFE. It can be melt-molded as a thermoplastic resin by **injection molding** and **extrusion molding**.
- Suitable for extrusion molding of **extremely fine electric wires**. It is also used for electric wires of personal computers and mobile phones.
- **Excellent chemical resistance** which is not affected by most of the chemicals.
- It retains flexibility without losing toughness under the environment from cryogenic to high temperature.
- **Low dielectric constant and dielectric loss tangent** in a wide range of temperature and frequency.
- It shows high electrical resistance and dielectric strength.
- **Nonflammable** like POLYFLON PTFE and NEOFLON FEP**.**
- **Excellent weather resistance.** No properties change even when exposed outside for a long time.
- Non-stickiness. It shows excellent releasability and water repellency / oil repellency.

General physical properties

Item	Unit	Value	Test Method
MFR	g/10min	68	ASTM D 3307 Compliant
Melting Point	℃	301	DSC
Specific Gravity	-	2.14	ASTM D 792 Compliant
Tensile Strength	MPa	25	ASTM D 1708 Compliant
Elongation	%	380	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

- 25Kg

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