

Fluoropolymer NEOFLON PFA AP-230

 TECHNICAL
DATASHEET

NEOFLON PFA AP-230 is a fluoro resin that is excellent in melt flowability. It is suitable for extrusion molding.

Introduction

- **AP-230** 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 **extrusion molding, transfer molding, compression molding** and the like.
- It has been used for **tubes, pipes, sheets, lining applications**.
- It is widely used as a **thick plate** material by compression molding.
- **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.
- Excellent heat resistance. Continuous use temperature is 260 °C.
- **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	2.0	ASTM D 3307 Compliant
Melting Point	°C	307	DSC
Specific Gravity	-	2.14	ASTM D 792 Compliant
Tensile Strength	MPa	35	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

For more information, visit our website.

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