

Fluoropolymer NEOFLON PFA AP-230SH

 TECHNICAL
DATASHEET

NEOFLON PFA AP-230SH is a high purity PFA with fully fluorinated.
It is excellent in melt flowability.
It is suitable for chemical liquid tubes of semiconductors by extrusion molding.

Introduction

- **AP-230SH** is a copolymer of tetrafluoroethylene and perfluoroalkylvinylether.
- High purity PFA with terminal groups fully fluorinated.
- **Good melt flowability** while maintaining excellent properties of PTFE. It can be melt-molded as a thermoplastic resin by **extrusion molding**.
- Suitable for extrusion molding and transfer molding. It is used for **tubes, sheets and valve lining applications**.
- **Less fluoride ions** due to the fluorinated terminal group.
- **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.
- **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	372°C、5kgf
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.

DAIKIN INDUSTRIES, LTD.

<https://www.daikinchemicals.com/>

tds-ap-230sh-E_ver01_Mar_2018
Copyright (C) DAIKIN INDUSTRIES, LTD., 2018