

Neoflon® PFA AP-231SH

Characteristics

Neoflon® PFA AP-231SH is a high purity grade resin especially designed for the semiconductor industry with long-term flexibility and good stress crack resistance. It is suitable for extrusion, compression molding and transfer molding.

Properties*

Melt Flow Rate, g/10 min	ASTM D-3307	1.5 - 2.5
Melting point (DSC), °C	ASTM D-3307	300 - 310
Tensile strength, MPa, (minimum)	ASTM D-3307	30.0
Elongation, %, (minimum)	ASTM D-3307	300
Specific Gravity	ASTM D-3307	2.12 - 2.17

*Typical properties are not suitable for specification purposes.

Typical Applications

Tubing and linings

IMPORTANT NOTICE: The information contained herein is based on technical data and tests we believe to be reliable and is intended for use by persons having technical knowledge and skill, solely at their own discretion and risk. Since conditions of use are outside of our control, we assume no responsibility for results obtained or damages incurred through application of the data given. The publication of the information herein shall not be understood as permission or recommendation for the use of our fluorocarbon compounds in violation of any patent or otherwise. We only warrant that the product conforms to description and specification, and our only obligation shall be to replace goods shown to be defective or refund the original purchase price thereof.

MEDICAL USE: This product is not specifically designed or manufactured for use in medical implantation and/or dental devices. We have not tested it for such application and will only sell it for such use pursuant to contract containing specific terms and conditions required by us.

NEOFLON PFA AP-231SH

NEOFLON PFA AP-231SH is a PFA resin especially designed for the semiconductor industry and suitable for tubing and various linings. It can be processed by extrusion, transfer molding and compression molding.

Typical properties

Melt Flow Rate Melting	g/10 min	1,5~ 2,5	ASTMD-3307
Point (DSC)	°C	295 ~ 305	ASTMD-3307
Tensile Strength	MPa	min 30	ASTMD-3307
Elongation	%	min 300	ASTMD-3307
Specific Gravity	-	2,12 ~ 2,17	ASTMD-3307

Note: Typical properties are not suitable for specification purpose

Typical applications

- Semiconductor industry
- Tubing
- Linings

Packaging

NEOFLON PFA pellets are packaged in 25kg bags.

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