

Fluoropolymer

NEOFLON FEP NP-3180

TECHNICAL
DATASHEET

NEOFLON FEP NP-3180 is a melt processable fluoropolymer.

Introduction

- NEOFLON FEP NP-3180 is a copolymer of tetrafluoroethylene and hexafluoropropylene.
- Quite similar properties as PTFE. Chemical, electrical and mechanical properties.
- Continuous service temperature is 200°C.
- High melt flow rate.
- One of typical applications is thin wall wire and cable insulation by high speed extrusion process.
- Very low dissipation factor, which is suitable for high frequency communication cable.

General physical properties

Items	Unit	Numeric Value	Test method
MFR	g/10min	36	ASTM D 2116
Melting Point	°C	260	ASTM D 2116
Specific Gravity	-	2.15	ASTM D 792
Tensile strength	MPa	20	ASTM D 638
Elongation	%	300	ASTM D 638
Dissipation Factor (6GHz)	-	3.0x10 ⁻⁴	ASTM D 2520

* The above numeric values are representative and not guaranteed.

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, contact us.

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