

Fluoropolymer NEOFLON EFEP RP-5000AS

 TECHNICAL
DATASHEET

NEOFLON EFEP RP5000AS is a conductive fluoropolymer that can adhere to the other materials. It has a good chemical resistance as ETFE at the same time.

Introduction

- NEOFLON EFEP RP-5000AS which owns **low melting point** is a copolymer of ETFE and additional third monomer. It is conductive
- Due to its low melting point, a laminated product such as a multi-layer tube and film with EVOH can be obtained by **co-extrusion molding**.
- **Hot melt adhesion to the other plastics** such as Polyamide with its reactive group.
- **Excellent process ability** and the good chemical resistance as ETFE.
- It can be melt-molded as a thermoplastic resin by **extrusion molding, injection molding, compression molding** and the like.

General physical properties

Item	Unit	Value	Test Method
MFR	g/10min	3.5	297°C、49N
Melting Point	°C	195	ASTM D 3159 Compliant
Specific Gravity	-	1.76	ASTM D 3159 Compliant
Tensile Strength	MPa	40	ASTM D 638 Compliant
Elongation	%	290	ASTM D 638 Compliant
Tensile Modulus	MPa	1100	ASTM D 638 Compliant
Resistance value	MΩ	0.2	DAIKIN Method (insulation resistance tester, 7cm long)

* 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

- 50Kg

For more information, visit our website.

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