

Fluoropolymer

NEOFLON ETFE EP-521

TECHNICAL
DATASHEET

NEOFLON ETFE EP-521 is a fluoropolymer with good mechanical properties and relatively low specific gravity.

Introduction

- NEOFLON ETFE EP-521 is a copolymer of tetrafluoroethylene and ethylene, which is chemically stable and electrically unique. It's also well designed **low specific gravity**.
- **Good mechanical properties, good processability and good radiation resistance.** Owing to the feature of ethylene (comonomer).
- Good melt flowability. It is suitable for both extrusion and injection molding.
- It is widely used such as for wire and cable (aerospace, automotive and appliance), film, electrical parts and semiconductor containers.

General physical properties

Items	Unit	Numeric Value	Test method
MFR	g/10min	11-13	ASTM D 3159
Melting Point	°C	265	ASTM D 3159
Specific Gravity	-	1.74	ASTM D 792
Tensile strength	MPa	40-55	ASTM D 638
Elongation	%	300-600	ASTM D 638

* 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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