

# Fluoropolymer NEOFLON CPT LP-1030

 TECHNICAL  
DATASHEET

NEOFLON CPT LP-1030 is a new type fluoropolymer with excellent low permeability to various chemicals, organic solvents, water vapor and gases.

## Introduction

- NEOFLON CPT LP-1030 is a copolymer of tetrafluoroethylene and perfluoroalkyl vinyl ether in which main chain the third monomer added.
- Except for some chlorine-based solvents, it is hardly affected by organic solvents, acids and alkalis.
- A fluoropolymer with **excellent low permeability** to volatile chemicals, water vapor, and gases.
- A fluoropolymer with **excellent light transmittance** in the ultraviolet to visible light range.
- The mechanical properties of CPT LP-1030 are almost the same as PFA and FEP.
- It can be melt-molded as a thermoplastic resin by **extrusion molding** of tubes and films, **compression molding** and the like.
- CPT LP-1030 is capable of molding multi-layer tubes by coextrusion with PFA.
- **Multi-layer tube with PFA** is used for applications that require barrier properties in chemical liquid piping for semiconductors.

## General physical properties

Item	Unit	Value	Test Method
MFR	g/10min	8	ASTM D 7471
Melting Point	°C	248	ASTM D 7471
Specific Gravity	-	2.13	ASTM D 7471
Tensile Strength	MPa	37	ASTM D 7471
Elongation	%	370	ASTM D 7471
Bulk Density	g/ml	1.23	JIS K 6891

\* 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.

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