

Fluoropolymer

NEOFLON PCTFE M-300P

TECHNICAL
DATASHEET

NEOFLON PCTFE M-300P is a high hardness fluororesin with excellent gas barrier properties.

Introduction

- **NEOFLON PCTFE M-300P** is a polymer with a structure in which all hydrogen atoms of polyvinyl chloride ($\text{CH}_2 - \text{CHCl}$)_n are substituted with fluorine atoms. It is in the form of one chlorine atom in PTFE structural unit.
- Highly **transparent** due to this chlorine atom.
- It is a fluororesin with the **highest gas barrier property** and **high hardness**.
- **Excellent in mechanical properties**, although it is slightly inferior to PFA and FEP in heat resistance and chemical resistance.
- M-300P is a **pelletized product** which is suitable for both **compression and extrusion molding**.

General physical properties

Item	Unit	Value	Test Method
Flow value	ml/sec	1.5×10^{-3}	Elevated type flow tester method
Melting Point	°C	212	DSC
Specific Gravity	-	2.13	ASTM D 792 Compliant
Hardness	—	D80	ASTM D 638 Compliant
Tensile Strength	MPa	43.5	ASTM D1708 Compliant
Elongation	%	200	ASTM D1708 Compliant

* 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, contact us.

Shenzhen Chuangxin Plastic Technology Co., Ltd.

Tel: +86 18676057437 E-mail: xl1797110736@163.com

<https://www.cxinplas.com>