

# Fluoropolymer POLYFLON PTFE D-711

TECHNICAL  
DATASHEET

**POLYFLON PTFE D-711 is an opalescent water liquid in which fine particles of PTFE are dispersed. It is suitable for glass cloth impregnation.**

## Introduction

- POLYFLON PTFE D-711 is a milky white aqueous dispersion of polytetrafluoroethylene polymer particles stabilized with nonionic surfactant without PFOA.
- It is designed to have high mechanical stable property, even when shearing is applied in a process.
- It is suitable for impregnating glass cloth.
- It adopts more environmentally friendly surfactant than conventional ones.

## General physical properties

| Items                  | Unit    | Numeric Value | Test method     |
|------------------------|---------|---------------|-----------------|
| Solid Content          | mass%   | 60            | ASTM D 4441     |
| Specific Gravity @25°C | -       | 1.52          | ASTM D 4441     |
| Surfactant Content     | mass%/P | 4.9           | ASTM D 4441     |
| Average Particle Size  | µm      | 0.30          | Internal Method |
| pH @25°C               | -       | 9.7           | JIS K 6893      |
| Viscosity @25°C        | cP      | 26            | ASTM D 4441     |

\* 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

- 60L, 1m<sup>3</sup>

For more information, visit our website.

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