

Fluoropolymer POLYFLON PTFE D-210C

 TECHNICAL
DATASHEET

POLYFLON PTFE D-210C is an opalescent water liquid in which PTFE fine particles are dispersed. It is suitable for a wide range of applications such as glass cloth impregnation, battery binder and additives for drip prevention.

Introduction

- POLYFLON PTFE D-210C is a milky white aqueous dispersion with polytetrafluoroethylene polymer particles stabilized with nonionic surfactant without PFOA.
- It is suitable for applications which require **a filler** to a dispersion like **binder of batteries**.
- 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 | 6.0 | ASTM D 4441 |
| Average Particle Size | μm | 0.25 | Internal Method |
| pH @25°C | - | 9.7 | JIS K 6893 |
| Viscosity @25°C | cP | 26 | JIS K 6893 |

* 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

- 1.5kg, 15 kg, 75kg, 1,000kg

For more information, visit our website.

DAIKIN INDUSTRIES, LTD.

<https://www.daikinchemicals.com/>

tds-d-210c-E_ver02_Dec_2020
Copyright (C) DAIKIN INDUSTRIES, LTD., 2020