

POLYFLON PTFE D-310

Aqueous Dispersion

POLYFLON PTFE D-310 is a modified polytetrafluoroethylene aqueous dispersion. D-310 has been specifically designed for use in release coating and glass cloth impregnation applications where improved gloss, adhesion, surface smoothness and wear properties are desired.

Typical properties

Viscosity @ 25°C	cp	< 35	Daikin Method
Specific Gravity @ 25°C	-	1.50 ~ 1.53	Daikin Method
pH @25°C	-	8.5 ~ 9.5	ASTM D 4441
Solids Content	wt%	59 ~ 61	ASTM D 4441
Surfactant Content	%	6.0 ~ 7.2	ASTM D 4441
Particle size	µm	0.22 ~ 0.25	Daikin Method
Appearance	-	Milky white liquid	Visual

Note: Typical properties are not suitable for specification purpose

Typical applications

- Impregnation
- Release Coatings
- Glass coating

Packaging

POLYFLON PTFE Dispersions are available in 210 lb (95 kg) fiber drums and 2.000 lb (907 kg) totes.

Shelf-life & Storage

Daikin PTFE aqueous dispersions will slowly settle from standing over time. In order to obtain optimum shelf life, PTFE dispersions should be stored at 4°C - 25°C and gently agitated or stirred once per month to redisperse stratified or lightly settled PTFE particles. PTFE dispersions should also be gently stirred and filtered just prior to use. Do not freeze.

Important Notice

The information contained herein is based on technical data and tests we believe to be reliable and is intended for use by persons having technical knowledge and skill, solely at their own discretion and risk. Since conditions of use are outside of our control, we assume no responsibility for results obtained or damages incurred through application of the data given. The publication of the information herein shall not be understood as permission or recommendation for the use of our fluorocarbon compounds in violation of any patent or otherwise. We only warrant that the product conforms to description and specification, and our only obligation shall be to replace goods shown to be defective or refund the original purchase price thereof.

USE OF PRODUCT: The product is for the industrial use only. We do not guarantee the safety in case the product is used for the other purposes. When using the product for health-care application or for food/feed application, consult us in advance.

MEDICAL USE: These products are not specifically designed or manufactured for use in implantable medical and/or dental devices. They have not been tested for such applications and will only be sold for such use pursuant to contract containing specific terms and conditions required by us.

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