

## Neoflon® FEP-ND-110

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### Characteristics

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Neoflon® FEP is a copolymer of tetrafluoroethylene and hexafluoropropylene. This shows the same excellent properties of PTFE, such as chemical resistance, non-stick property, low friction and outstanding electric property. It has lower melt viscosity than PTFE.

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Neoflon® FEP Dispersion ND110 is an aqueous dispersion manufactured without the use of PFOA.

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Application example  
Dipping glass fiber matting  
Manufacturing of cast films

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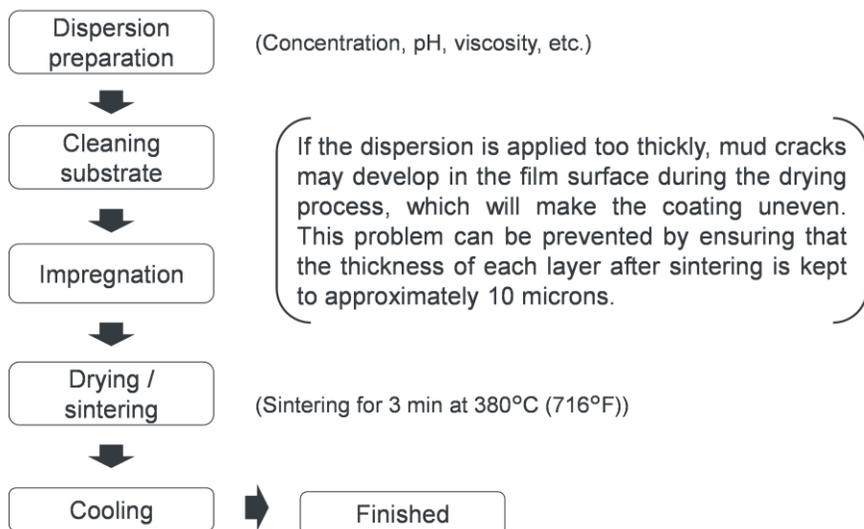
Properties*	Unit	Neoflon® FEP ND-110
Appearance	--	Translucent white liquid
Viscosity at 25°C (77°F)	cP	17.2
Specific gravity at 25°C (77°F)	--	1.42
pH at 25°C (77°F)	--	8.5
Solid content	Mass%	54.1
Surfactant content (based on polymer)	Mass%	7.6

\* Typical properties are not suitable for specification purposes.

### Processing

ND-110 is normally used for impregnation. Glass fiber matting and sintered metal alloys with porous layers are examples of the substrates that can be used.

In general, the substrate is impregnated by being dipped straight into ND-110 or into ND-110 which has been diluted with distilled water. In cases where impregnation is difficult, depressurization or pressurization can also be used to assist the impregnation process. After impregnation is complete, the article should be removed from the dipping tank and dried by air or other means and then sintered as necessary.



**Note:** Please make sure to read Safety Data Sheet (SDS) before using this product.

## Safety Precaution

Wear protective gloves/protective clothing/eye protection/face protection.

## First Aid

If in eyes: Rinse cautiously with water for several minutes. Immediately call a doctor.

## Storage

Keep at 5 - 30°C (41 - 86°F).

Store in a dry place.

## Precaution for Use

When the product is over-heated, it will generate decomposition gas. Adequate ventilation system is required to prevent inhalation of this gas.

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

Redisperse at least once a month and before use to prevent solid content from settling.