

## Neoflon® ETFE COATING POWDER EC-6510

### Characteristics

Neoflon® ETFE is a copolymer of tetrafluoroethylene and ethylene. It has extremely easy processability as well as outstanding electric and chemical properties. In particular, it excels not only in mechanical strength but also in chemical, thermal and electrical properties, usable in various environments.

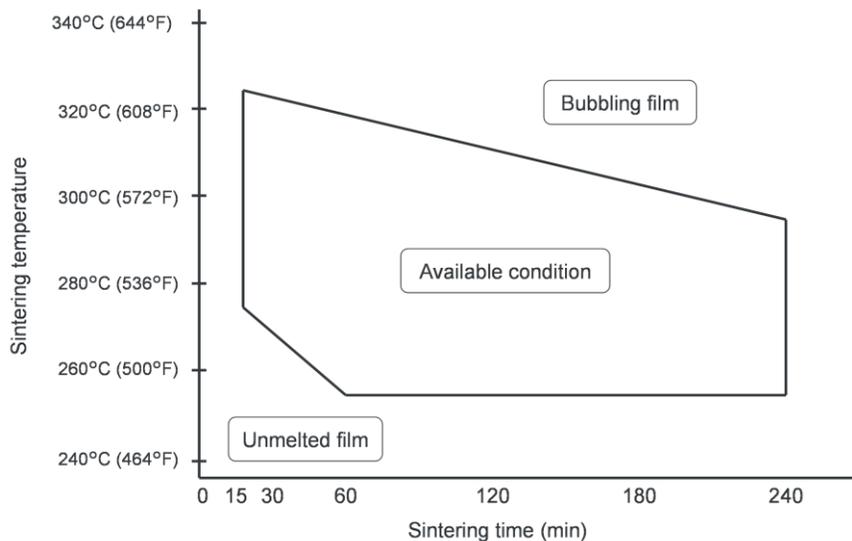
Neoflon® ETFE Coating Powder can meet a wide range of needs in various fields.

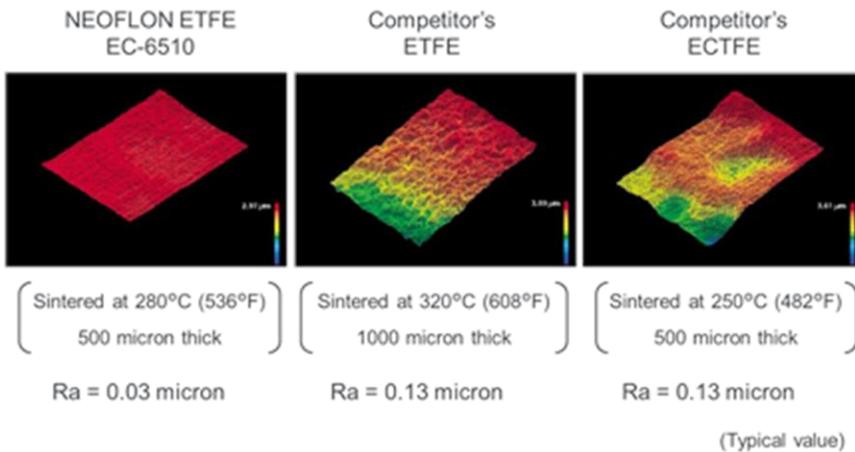
Application example  
Chemical reactors and pipes  
Ducts for corrosive fumes and fire resistance

Properties*	Unit	Neoflon® FEP EC-6510
Powder appearance	--	White
Average particle size	micron	74
Bulk density	g/ml	0.75
MFR	g/10min	13.6
Application	--	Electrostatic spraying
Film appearance	--	Clear
Available film thickness	micron	100 - 1000

\* Typical properties are not suitable for specification purposes.

### Processing





## Safety Precautions

Do not breathe dust/fume/gas/mist/vapors/spray.

Use personal protective equipment as required

## First Aid

If on skin or hair: Wash with plenty of soap and water.

If in eyes: Rinse cautiously with water for several minutes.

If swallowed: Rinse mouth. Do not induce vomiting.

Get medical advice/attention, if you unwell.

## Precaution for Use

When the product is over-heated, it will generate decomposition gas. Adequate ventilation 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 or food / feed applications, consult Daikin in advance.

Chemical	Immersion	Neoflon® ETFE	Weight change (wt%) Competitor's ETFE	Competitor's ECTFE
Hydrochloric acid (35%)	7 days at 80°C (176°F)	+0.1	+0.1	+0.3
Nitric acid (60%)		+0.1	+0.5	+0.3
Acetic acid (50%)		+0.3	+0.3	+0.4
Sodium hypochlorite (5%)		+0.0	+0.0	+0.1
Sodium hydroxide (50%)		+0.0	+0.0	+0.0
Toluene		+2.4	+2.7	+8.4
Xylene		+1.9	+2.1	+6.7
Octane		+0.7	+1.1	+2.6

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