

# PTFE

## Nanopowder

PTFE (Polytetrafluoroethylene) is a white colored thermoplastic which has a high corrosion and heat resistance. Having significantly low friction coefficient makes it an outstanding material in various applications such as seals, O-rings and gasket etc. Also, it is used with other polymers or used as a reinforcing material in composites for special applications.

ORGANIC  
COMPOUNDS

### Quick Facts

Product	:	PTFE Nanopowder
Stock No	:	NS6130-12-000072
CAS	:	9002-84-0
Form	:	Powder

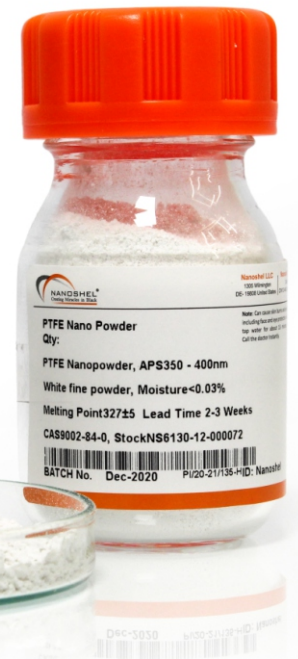
### Technical Specification:

Molecular Formula	Molecular Weight	Density	Melting Point
(C2F4) <sub>n</sub>	100.02 g/mol	0.7-0.9kg/L	273-326°C

### Application:

- ✓ Used additives in engineering plastics, modified resins, rubbers, PTFE cable.
- ✓ Used as additives in coatings, such as fluorocarbon coatings with high corrosion resistance.
- ✓ Used in lubricating oil and grease to improve the lubricity of the materials under high pressure and high temperature.
- ✓ Used as additives in non-stick coating for textile roller.
- ✓ Used in inks, ink jet printer powder.
- ✓ Used as thickener in lubricants.
- ✓ Used as dry lubricant, etc.

Organic  
COMPOUNDS



Purity:  
99.9%

**NS6130-12-000072**



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ISO 9001:2015  
CERTIFIED COMPANY



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