

Niflon® PTFE SD-33

Niflon® PTFE SD-33 is a kind of polytetrafluoroethylene dispersion with nonionic surface-active agents, well-known for its good thermal stability, outstanding chemical inertness, good electrical insulation, low coefficient of friction and atmospheric aging resistance. It can be used at temperature from -200°C to +260°C continuously. SD-33 improves on the gloss performance of SD-30 to meet the high standards required for coating applications.

Applications

Mainly for metallic coating (non-stick coating).

NO.	ITEMS	UNIT	VALUE
1	Appearance	/	Milky white liquid, no abnormal floating objects or yellow floating objects on the surface
2	Solid Content	%	60±2
3	Surface Active Agents Content	%	3.0-7.0
4	Viscosity	Pa.s	10×10^{-3} - 35×10^{-3}
5	Average Particle Size	μm	0.15-0.30
6	pH	/	9-10
7	Specific Gravity	/	1.47-1.57 (23±1°C)
8	Standard Specific Gravity	g/cm ³	2.16-2.18

Notice

- 1.Should be stored between 5-30°C environment. It will be frozen below 0°C, causing precipitation and ruined.
- 2.Should shake the drum every two weeks to avoid any possible precipitation.
- 3.Should process below 400°C to avoid releasing poisonous gas.



The product can be transported as non-dangerous product, while it should be protected from freezing, heat and violent vibration in transportation.



Package: 25kg or 1250kg plastic drum.



Storage: Should be stored in clean and dry place at the temperature between 5-30°C.