

# SHANGHAI MINTCHEM DEVELOPMENT CO., LTD

R602 4# 89 NONG MUDAN ROAD PUDONG SHANGHAI CHINA

## Specification Sheet

### Nickel Fluoride

#### Physical Properties:

Formula	NiF <sub>2</sub> ·4H <sub>2</sub> O	Molecular Weight	168.7	CAS NO	10028-18-9
U.N-NO	3288	Class	6.1	H.S-NO	28261900

#### Character:

Light yellow square crystal, with moisture absorption, slightly soluble in water. Its solubility is about 2.5% at 25℃, and also slightly soluble in Hydrogen fluoride Anhydrate, easily soluble in Hydrofluoric Acid. It has stable character. And it will change to oxide as reaching smelting point.

#### Chemical Parameters:

NO.	Technological Specification	Standard%
1	Appearance	lawngreen sand shape crystal
2	NiF <sub>2</sub> ·4H <sub>2</sub> O	80.51%—98.33%
3	Ni	28%—34.2%
4	Co	0.02max
5	Cu	0.002max
6	Fe	0.008max
7	Pb	0.001max
8	Zn	0.001max
9	SO <sub>4</sub> <sup>2-</sup>	0.1max
10	Cl <sup>-</sup>	0.05max
11	Water Insoluble Matter	0.6max

APPLICATION: It is mainly used as fluidizer and hole-sealing agent of aluminium-alloy. And also used as fluidizer, and catalyzer of XeF<sub>6</sub> compound.

PACKAGE: Packing in plastic weaved bag 25kg each.

TRANSPORTATION: DG, Class 6.1, UN 3288

**MANUFACTURER: SHANGHAI MINTCHEM DEVELOPMENT CO., LTD**

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