



UNITED NEW MATERIALS TECHNOLOGY SDN BHD (1108953-M)

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Specification Sheet

Stannous Fluoride

Formula	SnF ₂	Molecular Weight	156.71	CAS NO	7783-47-3
U.N-NO	2923	Class	8		

Physical Properties Character: Colourless solid, specific gravity 4.57, soluble in water, melting point 215 centigrade, boiling point 850 centigrade.

NO.	Technological Specification	Toothpaste Grade%	Cosmetics Grade%
1	Appearance	White Crystal	White Crystal
2	Assay	99%min	94%min
3	Sn	75%min	71.2% min
4	Pb	10PPM max	30PPM max
5	Sb	50PPM max	50PPM max
6	As	3PPM max	3PPM max
7	F	22.3-25.5	22.3-25.5
8	Hg	2PPM max	2PPM max
9	Fe	10PPM max	18PPM max
10	PH(0.4% water solution)	2.8-3.5	2.8-3.5
11	Loss on dryness(105°C/4H)	0.2%max	0.5%max
12	Whiteness (70-90um Particle Size)	98%min	95%min
13	Transmissivity (3% water solution)	95%min	90%min

Chemical Parameters:

APPLICATION: It's mainly used in making toothpaste or blazing flux

etc. PACKAGE: Packing in plastic weaved bag 25kg each.

TRANSPORTATION: DG, Class 8, UN 2923