

Technical Datasheet

Trade Name: Pallamond Pentahydrate

INCI: Sodium Metasilicate

Cas. No.: 6834-92-0

EINECS: 229-912-9

Item	Standard (HG/T2568-08)
Apperance	Granular
Sodium Oxide (Na ₂ O)%	28.70-30.00
Silica(SiO ₂)%	27.80-29.20
Water insoluble %	≤0.05
Fe(ppm)	≤100ppm
Whiteness%	≥80
Bulk Density	0.80-0.97g/cc
Ph of 1.0% Solution	12-13
Melting point	72.2 °C
Particular Size % (16-30 mesh)	≥90

Product Description:

Sodium metasilicate Pentahydrate is white granular which is used in various industries and in many formulations of soap, detergents and cleansers. Through his properties can be effective as cement binding agent, dye fixative, binder, corrosion inhibitor, coagulant in water treatment, as penetrating sealant...

Application:

It is used as an additive in soaps and synthetic detergents, in laundry, dairy, Mining, metal cleaning and metal surface treatment, Refractories, Oil and Drilling, Grouting and Tunneling, Geopolymers, floor cleaning, manufacturing of paper, washing carbonated drink bottles, insecticides, fungicides, and antimicrobial compounds, as a chemical intermediate for silica gel catalyts, fireproofing mixture, Ceramic, foundry, others.

Storage:

Please keep it in dry place on pallet. Do not keep it on direct sun light.

Shelf life:

2 years after production.