



Material Technical Data Sheet

STPP (granular)

Product Information

Chemical Name	Sodium Tripolyphosphate
Commodity Name	STPP
Category	Phosphates
Molecular formula	Na ₅ P ₃ O ₁₀
Molecular weight	367.86
H.S.Code:	28353190
CAS No.	7758-29-4

Technical Specification

94% Tech Grade

Purity(Na ₅ P ₃ O ₁₀) by wt %	94.0 min
P ₂ O ₅ by wt %	56 - 58
Pyrophosphate (Na ₄ P ₂ O ₇) by wt %	4.0 max
Orthophosphate and Metaphosphate by wt %	2.0 max
Iron content (as Fe) by wt %	0.01 max
Water Insoluble by wt %	0.10 max
Bulk Density g/ml	0.4~0.65
Phase I %	1~ 40
Whiteness %	9.0 min
PH value (1% solution)	9.2 ~10.0
Appearance	white powder

* GB/T9983-88

Packing & Loading information

Packing	25kg bags, 1200kg bags with PE liner
Loading	20-25mt w/o pallet, per 20fcl
Shelf life	2 years in proper storage condition*

***Proper storage condition:** keep containers tightly closed, store in cool and dry place, avoid moisture and direct sunshine, avoid strong acid and oxidant.

Uses: in synthetic detergent powder(slurry process), ceramics and other industries.