

# STPP (Phase 2)

### Product Information

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

### Technical Specification

### 94% Tech Grade

Purity(Na <sub>5</sub> P <sub>3</sub> O <sub>10</sub> ) by wt %	94.0 min
P <sub>2</sub> O <sub>5</sub> by wt %	56 - 58
Pyrophosphate (Na <sub>4</sub> P <sub>2</sub> O <sub>7</sub> ) 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	0.6-0.9
Phase I %	10% max (typical value 6-7%)
Whiteness %	85.0 min
PH value (1% solution)	9.2 ~ 10.3
Appearance	white powder
Particle Size	As per clients requests

\* GB/T9983-88

### Packing & Loading information

Packing	25kg bags, 1200kg bags with PE liner
Loading	20-25mt w/o pallet, per 20fcl

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