



Sodium Tripolyphosphate – STPP light

SPECIFICATION DATASHEET			
Test	Units	Specification	Typical
Purity	%	≥94.0	94.16
P ₂ O ₅	%	≥57.0	57.33
pH (1% water solution)	%	9.2 – 10.0	9.61
Water-insoluble	%	≤0.1	0.020
Iron	%	≤0.015	0.008
Whitness	%	≥90	90.83
Density	g/cm ³	0.30 – 0.52	0.51



STPP Heavy Density
Tech Grade

SPECIFICATION DATASHEET			
Test	Units	Specification	Typical
Appearance	-	Granular	Granular
Assay ($\text{Na}_5\text{P}_3\text{O}_{10}$)	%	≥ 90.0	94.2
Water Insoluble	%	≤ 0.2	0.015
pH	-	9.2 – 10.3	9.5
Bulk Density	g/cm^3	0.9 – 1.25	1.2
Particle Sizing			
Retained on 20 mesh	%	≤ 5	3
Passing through 100 mesh	%	≤ 10	8



STPP
medium dense technical grade

SPECIFICATION DATASHEET			
Test	Units	Specification	Typical
Purity	%	≥94.0	94.18
P ₂ O ₅	%	≥57.0	57.23
pH (1% water solution)	%	9.2 – 10.0	9.57
Water-insoluble	%	≤0.1	0.020
Iron	%	≤0.007	0.006
Whitness	%	≥90	90.69
Density	g/cm ³	0.7 – 0.8	0.75