

SODIUM TRIPOLYPHOSPHATE

Formula	Na ₅ P ₃ O ₁₀
Molecule weight	367.86
Description	White powder. Appearance density 0.35-0.90g/cm ³ . Melting point 622oC. Easily soluble in water and its aqueous solution is alkalinity. The PH value for 1% solution is 9.7
Grade	Food Grade
Specification	

ITEMS	STANDARD	RESULT
Appearance	White granular powder	PASS
Purity	95% Min	95.6%
P205	57% Min	57.3%
Fe	0.01% Max	0.01%
PH (1% sol)	9. 2-10	9.5
Water Insoluble	0.05% Max	0.03%
Phase I	10-35	20
Chloride	0.025% Max	0.01%
Pb	10 PPM Max	10 PPM
As	3 PPM Max	2PPM
F	0.003% Max	0.001%

Uses | Mainly to synthesis detergent. In industry, it is to soften water. STPP has also strong emulsification to fat and lubricant. It is also used as soften agent for canned food, juice drink etc.

Packing | In 25/50 Kgs PP bags lined with PE.