



INDICATIVE SPECIFICATION

Name: *Sodium Hexametaphosphate*

Grade: *68% Min Technical Grade*

Specification:

Total Phosphate (as P_2O_5):	<i>68%min</i>
Unactive Phosphate (as P_2O_5):	<i>7.5%max</i>
Insoluble matter in water:	<i>0.06%max</i>
Iron (Fe):	<i>0.05%max</i>
pH Value:	<i>5.8-7.3</i>

Packing: *In 25kg net PP woven bags lined with PE film bag inside*

Uses:

- *Used as a sequestrant and has applications with in a wide variety of industries*
- *As a food additive in which it is used under the E number E452i.*
- *Sodium carbonate is sometimes added to SHMP to raise the pH to 8.0-8.6, which produces a number of SHMP products used for water softening and detergents.*
- *Used as a dispersing agent to break down clay and other soil types.*
- *Used as a deflocculant in the making of terra sigillata, a ceramic technique using a fine particled slip.*
- *Used as a whitening ingredient included in some whitening toothpastes and mouthwashes.*