

## Major Raw materials required & their specification

Sl.No	Major Raw Materials & Chemicals	Specification	Annual Requirement in MT
1	Ilmenite	TiO <sub>2</sub> content : 48%(min), Moisture: 0.5%	36000
2	Sulpher	Sulpher content: 99 % by wt (min) Moisture : 0.05% by wt max Ash : 0.55 by wt max Acidity : 0.2% by wt max Chlorine as Chloride: 50ppm Physical appearance: Granular, Bright yellow colour	36000
3	Scrap Iron	Pressed bundles of tinned or de tinned galvanized Iron sheet cutting of width 6 cm or less, guage: 24 or thinner and free from dirt, foreign matter painted and rusted materials. Each bundle of size: 60 x 40 x 30 cm and should weigh 40 kg.	3600
4	Caustic Soda	NaOH:96%,Fe <sub>2</sub> O <sub>3</sub> <0.02% (max)	150
5	Caustic potash	Purity :88% (min)	6
6	Filter Aid		18
7	Indfloc 448		2.4
8	Mono Ammonium Phosphate	Purity: 98% (min),Moisture: 1% (max),Fe: 0.035% (max)	11.5
9	Morar floc		1.025
10	Glyceril Mono Sterate	99% (min)	10
11	Potassium Sulphate	K <sub>2</sub> O: 50% (min), Fe:0.0028% (max)	54
12	Zinc oxide	98% ( min)	2.89
13	Aluminium Powder	Al: 98% (min), residue on 325 mesh: 5%( max)	7.1