

Major Raw materials required & their specification

| Sl.No | Major Raw Materials & Chemicals | Specification | Annual Requirement in MT |
|-------|---------------------------------|--|--------------------------|
| 1 | Ilmenite | TiO ₂ 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 ₂ O ₃ <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 ₂ 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 |