

SPECIFICATION OF POLYACRYLAMIDE FLOCCULANT FOR NEUTRAL THICKENER

Synthetic Polyacrylamide Flocculant is required to be added in the feed slurry to neutral high rate thickener to form bigger flocs of the solids present in the feed so as to enhance its settling rate in the thickener to produce thick underflow solid slurry and perfectly clear overflow liquor.

Other details are:

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|----|------------------------------|---|---------------------|
| 1. | pH of feed slurry | - | 6.5 to 7.5 |
| 2. | % solid in-feed slurry | - | 25 to 30% (W/W) |
| 3. | Size of solid in feed | - | - 325 mesh - 75-80% |
| | | | + 325 mesh - 10-15% |
| 4. | Specific gravity of solid | - | 2.8 |
| 5. | Specific gravity of liquor | - | 1.05 |
| 6. | Temperature of slurry | - | Ambient |
| 7. | Underflow slurry consistency | - | 50-55 % (W/W) |

N.B:

1. Only solid powder flocculant is acceptable. Emulsion or gel etc. is not acceptable.
2. Detail leaflet of product offered must be enclosed.
3. Product must be supplied in 25 kg polylined HDPE bags.