



PUTAI  
ENVIRONMENTAL  
PROTECTION  
普泰环保

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| Polyacrylamide Purchase Technical Specification (Anionic) |                                            |                                                   |
|-----------------------------------------------------------|--------------------------------------------|---------------------------------------------------|
| Reagent Name                                              | Polyacrylamide (Anionic)                   |                                                   |
| Application                                               | Flocculation and Sedimentation             |                                                   |
| Main Technical Specifications                             | Appearance                                 | White or slightly yellow particles or powder      |
|                                                           | Relative Molecular Weight, M (Million)     | $\geq 12,000,000$<br>(Mandatory Requirement)      |
|                                                           | Solid Content (%):                         | $\geq 92$                                         |
|                                                           | Acrylamide Monomer Content (Dry Basis) (%) | $\leq 0.02$                                       |
|                                                           | Dissolution Time (Anionic Type) (min)      | 20~60                                             |
|                                                           | Residual on Sieve (1.00mm Sieve) (%)       | $\leq 2$                                          |
|                                                           | Residual on Sieve (180 $\mu$ m Sieve) (%)  | $\geq 88$                                         |
|                                                           | Degree of Hydrolysis                       | $\geq 20$                                         |
|                                                           | Water-Insoluble Matter(%):                 | $\leq 0.02$                                       |
|                                                           | Chloride Content (%)                       | $\leq 0.5$                                        |
|                                                           | Sulfate Content (%)                        | $\leq 1$                                          |
| Execution and Acceptance Standards                        | GB/T 17514-2017 First-Class Product        |                                                   |
| Spot Check and Acceptance Testing Items                   | Dissolution Time (Anionic Type) (min)      | $\leq 60$                                         |
|                                                           | Solid Content (%)                          | $\geq 92$                                         |
|                                                           | Degree of Hydrolysis                       | $\geq 20$                                         |
|                                                           | Relative Molecular Weight, M (Million)     | $\geq 12,000,000$ (to be tested by a third party) |