SPECIFICATION

Naphthalene sulphonate as Superplasticizers :

Naphthalat K

Based superplasticisers disperse the flocculated cement particles through a mechanism of electrostatic repulsion In normal plasticisers, the active substances are on to the cement particles, giving them a negative charge, which leads to repulsion between particles. Naphthalene and melamine superplasticisers are organic polymers. The long molecules wrap themselves around the cement particles, giving them a highly negative charge so that they repel each other.

TY 5870-005-58042865-05
Technical conditions 5870-005-58042865-05

Appearance	**Powder**
Color	**Light brown**
Active substance%, min in dry product	**69,0**
Mass fraction of water, %, max.	**8 ,0**
Mass fraction of ashes in dry product, %, max.	**38,0**
2,5% Hydrogen Ion value (pH)	**7-9**
Mass fraction of ion chloride in dry product, %, max.	**0,2**
Mass fraction of sodium sulphates in dry product, %, max.	**10,0**