

Technical Data Sheet

AY-45P

General:

Advanced Materials for Liquid Admixtures, Improve the wettability and workability of concrete, Increase the mechanical properties and increase dissolving SNF in water at high percentage with improving its quality.

Chemical Nature:

Salt of PolyCarboxylic acid with affinic group.

Physical Properties

Form	straw-colored liquid
Solvent	Water
Density	$\sim 1.25 \pm 0.05 \text{g/cm}^3$
Solid	$\sim 35\% \pm 3$
pH	$\sim 7.5 \pm 2$

Application

AY-45P new technology for liquid admixtures, **AY-45P** is compatible with several types of SNF and also Lignin to get several advantages, Wetting effect of cement, sand and aggregates, slightly pseudoplastic flow behavior on concrete mixed, helps dissolve SNF and lignin in short time with improve quality, early strength and improve the rheology and homogeneous of concrete so it helps also to decrease the air content of concrete mix.

Recommended dosage

2% - 5% on total formulation

Usage: AY-45P must added directly into water and slightly stirring till dispersed into the solution then can add the required raw materials.

Packing: IBC 1000 Lit

Storage: should be stored at temperature from 10°C to 40°C