PRODUCT TECHNICAL DATA

Powder Dispersant DP-93

Product Description

This product is a polymeric powder dispersant specifically developed for the production of compound fertilizers, blended fertilizers and granular fertilizers. By improving the wetting, dispersion, agglomeration and crystal-binding behavior of fertilizer powders, it reduces the amount of water required during granulation while maintaining granule strength. It also reduces the downstream drying load and improves granulation rate and granule uniformity.

Product Data

Item	Specification
Appearance	White free-flowing powder
Bulk density	400-700 kg/m³
Moisture content	≤5%
Chloride-ion content	≤0.05%

Product Features

- Reduces granulation water consumption.
- Improves powder wetting and agglomeration.
- Increases granule strength.
- Reduces drying energy consumption.

Application Scope and Dosage

Depending on the system, the dosage is 0.05-0.5%.

- High-nitrogen compound fertilizers.
- NPK compound fertilizers.
- Monoammonium phosphate and diammonium phosphate granular fertilizers.
- Potassium sulfate and potassium chloride compound fertilizers.
- Organic-inorganic compound fertilizers.
- Humic-acid granular fertilizers.

Shelf Life and Packaging

Store in a cool, ventilated, dry place. Shelf life: 12 months. Packaging: 25 kg/bag.