

Technical Data Sheet of PVOH 452 PVC Grade

Chemical Name: Polyvinyl Alcohol 452

CAS NO.: 9002-89-5

Technical Data of PVOH 452 PVC Grade:

Items	Specifications
Main categories	Auxiliary dispersant
Total Solids wt%	39.0-41.0
Degree of Hydrolysis (mole %)	43.0-47.0
viscosity@25°C BF DV2T (mPa.s)	800-2400

Application

In suspension polymerization of PVC, PVC-grade PVOH acts as a vital suspending agent (protective colloid) to stabilize vinyl chloride monomer droplets in water.

Key application functions include:

1. Particle Control: Dictates the size, uniformity, and spherical shape of PVC resin beads.
2. Porosity Regulation: Controls internal pore structure, directly determining the resin's plasticizer absorption capacity for easier processing.
3. Bulk Density Optimization: Ensures proper powder density and flowability for efficient manufacturing of pipes, films, and profiles.

Package

In 200kg/drum.

Storage

Modified PVA for PVC can be stored for an unlimited period of time under appropriate conditions that is in its original packs in closed, dry rooms, at room temperature.