ELEPHCHEM
CHEM CHANGE THE WORLD

江苏象化科技有限公司
JIANGSU ELEPHCHEM HOLDING LIMITED

Technical Data Sheet of PVOH 552 PVC Grade

Chemical Name: Polyvinyl Alcohol 552
CAS NO.: 9002-89-5

Technical Data of PVOH 552 PVC Grade:

Items	Specifications
Main categories	Auxiliary dispersant
Total Solids wt%	-
Degree of Hydrolysis (mole %)	53.0-57.0
Viscosity@25℃CBF DV2T (mPa.s)	＜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.
PVOH 552 was developed as a pore-enhancing agent for PVC suspension polymerization.

Package

In 200 kg/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.

JiangSu ElephChem Holding Limited