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

Technical Data Sheet of PVOH 8548 PVC Grade

Chemical Name: Polyvinyl Alcohol 8548
CAS NO.: 9002-89-5

Technical Data of PVOH 8548 PVC Grade:

Items	Specifications
Main categories	Primary dispersant
Degree of Hydrolysis (mole %)	82.5-87.5
Viscosity@20°C,4% solution (mPa.s)	45.0-51.0

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.
Modified PVOH PVA 8548 for PVC can be used for special requirements such as blended resins, paste resins and copolymers of high vinyl acetate, as well as for all grades of general resins.

Package

In 25kg paper bag.

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.

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