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

Technical Date Sheet of PVOH 785 PVC Grade

Chemical Name: Polyvinyl Alcohol 785
CAS NO.: 9002-89-5

Technical Data of PVOH 785 PVC Grade:

Items	Specifications
Main categories	Primary dispersant
Total Solids wt%	-
Degree of Hydrolysis (mole %)	76.5-79.5
Viscosity@20°C,4% solution (mPa.s)	5.5-6.5

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 785 is specially used to adjust the particle form of SPVC, or for the manufacture of blended resins, as well as vinyl chloride and vinyl acetate copolymers.

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.