

TECHNICAL DATA SHEET

Material: Partially Hydrolyzed Polyvinyl Alcohol (PVA)
CAS Number: 25213-24-5

DESCRIPTION OF THE PRODUCT

Polyvinyl alcohol (PVOH, PVA) is a water-soluble synthetic polymer. It has the idealized formula $[\text{CH}_2\text{CH}(\text{OH})]_n$. It is used in papermaking, textiles, and a variety of coatings. It is white and odorless. It is sometimes supplied as beads or as solutions in water.

SALES SPECIFICATION

| PARTIALLY HYDROLYSED (CAS No. 25213-24-5) | | | | | |
|---|-------------------|-----------------------------------|--------------------|----------------------|----------|
| GRADE | Hydrolysis (mol%) | Viscosity(cps 4% solution @ 30°C) | Volatiles (% Max.) | ASH Content (% Max.) | PH Value |
| 05-88 | 86.0-89.0 | 4.5-6.5 | 5.0 | 0.5 | 5-7 |
| 17-88 | 86.0-89.0 | 20.0-26.0 | 5.0 | 0.5 | 5-7 |
| 20-88 | 86.0-89.0 | 28.0-35.0 | 5.0 | 0.5 | 5-7 |
| 24-88 | 86.0-89.0 | 44.0-50.0 | 5.0 | 0.5 | 5-7 |
| 26-88 | 86.0-89.0 | 56.0-68.0 | 5.0 | 0.5 | 5-7 |