

## SPECIFICATION

### PVC Resin SG5

| Parameters       | Specification                                                                                                        |
|------------------|----------------------------------------------------------------------------------------------------------------------|
| Appearance       | White powder                                                                                                         |
| Molecular Weight | 100000 g/mol                                                                                                         |
| Boiling Point    | 230 °C                                                                                                               |
| Melting Point    | 180 °C                                                                                                               |
| Flash Point      | 230 °C                                                                                                               |
| Purity           | 99–99.5%                                                                                                             |
| Refractive Index | 1.54                                                                                                                 |
| Solubility       | Insoluble in water; soluble in certain organic solvents (e.g., tetrachloroethylene, chloroform)                      |
| Uses             | Used as PVC resin to produce rigid PVC products via suspension polymerization; used in pipes, profiles, and fittings |