

Polyvinyl Chloride Resin

TECHNICAL DATA SHEET

Chemical Formula : (C₂H₃Cl)_n
Cas No. : 9002-86-2

▪ **Properties and Application:**

Grade DG-800 is ethylene based Polyvinyl Chloride Resin with polymerization degree around 800, it corresponds to GB/T 5761-2018 SG -7. Its typical properties are with good barrier and transparency, the "fish eye" index fulfills high requirements, it's our major product. Mainly used in transparent sheet, medical sheet and containers.

▪ **Packaging**

Optional in 25kg, 600kg bag or 1200KG Jumbo bag.

| No. | PROPERTIES | DG-800 | |
|-----|--|------------------|-------------------|
| | | Superior Product | Qualified Product |
| 01 | Polymerization Degree, P | 981~1080 | |
| 02 | K-value | 60-62 | |
| 03 | Impurity Particle Number, ≤ | 20 | 60 |
| 04 | Volatile Matter, % ≤ | 0.30 | 0.50 |
| 05 | Apparent Density , g/mL | 0.51~0.57 | |
| 06 | Residue on 0.25mm sieve , ≤ | 1.6 | |
| 07 | Fish eye Number, /400cm ² ≤ | 20 | 60 |
| 08 | Plasticizer Absorption, g/100g | 14 | - |
| 9 | Whiteness (160℃, 10min), % ≥ | 78 | 70 |
| 10 | Residual VCM Content, μg/g | 1 | 10 |
| 11 | Trunk Time, s/400cm ³ | 2.0~6.0 | |