

# Polyvinyl Chloride Resin

## TECHNICAL DATA SHEET



Chemical Formula :  $(C_2H_3Cl)_n$

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, $\leq$	20	60
04	Volatile Matter, % $\leq$	0.30	0.50
05	Apparent Density, g/mL	0.51~0.57	
06	Residue on 0.25mm sieve, $\leq$	1.6	
07	Fish eye Number, /400cm <sup>2</sup> $\leq$	20	60
08	Plasticizer Absorption, g/100g	14	-
9	Whiteness (160°C, 10min), % $\geq$	78	70
10	Residual VCM Content, $\mu$ g/g	1	10
11	Trunk Time, s/400cm <sup>3</sup>	2.0~6.0	