

## PVC RESIN TECHNICAL DATA SHEET

### Product Description:

CAS No. 9002-86-2

HS Code: 3904109001

Polyvinyl Chloride or PVC resin SG3, SG5, SG7 and SG8 are homopolymers made by suspension polymerization. PVC resin is white powder form thermoplastic resin and has great versatility for making plastic products.



### Specification:

Parameter		Grade			
Standard: GB5761-1993		SG3	SG5	SG7	SG8
K - Value		72 - 71	66 - 68	62 - 60	59 - 55
Polymerizing Index		1300 +/-50	1000 +/-50	800 +/-50	700 +/-50
Number of impurity particles	≤	16	16	20	20
Volatile content (incl. water) %	≤	0.30	0.40	0.40	0.40
Apparent density	≥	0.42	0.48	0.48	0.50
Particle size	≥ 0.25mm ≤	2.0	2.0	2.0	0.4
	≥ 0.063mm ≥	95	95	95	95
Number of Fish Eye (/400 cm <sup>2</sup> )	≤	20	20	30	30
Plasticizer absorption of 100g resin	≥	26	19	12	22
Whiteness (160°C, after 10 min.)	% ≥	78	78	75	75
VCM Residue PPM	≤	5	5	5	5

### Application:

SG3 is for films, hoses, leathers, wire cables and other general purpose soft products.  
SG5 is for pipes, fittings, panels, calendaring, injection, moulding, profiles, and sandals  
SG7 / SG8 is for bottles, sheets, calendaring, rigid injection and moulding pipes.