



TECHNICAL DATA SHEET

PVC RESIN

General Description

CAS No. 9002-86-2

HS Code: 39041090

Introduction:

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:

Item		SG3	SG5	SG7	SG8
Mucosity (ml/g)		135-127	118-107	95-87	86-73
Or K value		(72-71)	68-66	62-60	59-55
Impurity number		30	30	40	40
Volatile content% $\leq$ p=""		0.4	0.4	0.4	0.4
Apparent densityg/ml $\geq$ Degree		0.45	0.45	0.45	0.45
Remain (testing sieve) %	0.25mm sieve $\leq$ p=""	8.0	2.0	2.0	2.0
	0.063mm sieve $\geq$	85	90	90	90
Number of grain piece (number/400cm ² $\leq$ p="")		40	40	50	50
100g resin plasticizer absorbency (g $\geq$)		19	17	—	—
White degree(160℃ After 10min.)% $\leq$ p=""		75	75	70	70

Main Applications

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.

Packaging

25kg paper bags, 1000kg jumbo bag