TECHNICAL DATA SHEET

Polyvinyl Chloride Resin

Product	Polyvinyl Chloride Resin
Chemical Formula	$(C_2H_3Cl)_n$
Cas No	9002-86-2
Print Date	May 10th, 2020

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Description

Features thermo plasticity, being insoluble into water, gasoline and alcohol, swelled or dissolved into ether, ketone, chlorinated aliphatic hydrocarbons, and aromatic hydrocarbon, high resistance to corrosion, and good dielectric property.

Applications

Widely used in pvc pipes, window profiles, films, sheets, tubes, shoes, fittings, etc.

Packaging

In 25kg kraft bag or 1100kg jumbo bag.

ITEMS		SG-3	SG-5	SG-7	SG-8
Viscosity(ml/g)		127-135	107-118	87-95	73-86
K value		71-72	66-68	60-62	55-59
Impurity particle number ≤		16	16	20	20
Volatiles(incl.water) %≤		0.30	0.40	0.40	0.40
Bulk density g/ml ≥		0.45	0.48	0.50	0.50
Sieve ratio%	0.25mm ≤	2.0	2.0	2.0	2.0
	0.063mm ≥	95	95	95	95
"Fish eye" number unit /400cm2 ≤		20	20	30	30
100g resin plasticizer absorbtion g ≥		26	19	12	22
Whiteness(after 160℃10min) ≥		78	78	75	75
Residual VCM ppm ≤		5.0	5.0	5.0	5.0