

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

TECHNICAL DATA SHEET

Polyvinyl Chloride Resin

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		S-1300	S-1000	S-800	S-700
Viscosity(ml/g)		127-135	107-118	87-95	73-86
K value		71-72	66-68	60-62	55-59
Impurity particle number $\leq$		16	16	16	16
Volatiles(incl.water) % $\leq$		0.30	0.30	0.30	0.30
Bulk density g/ml $\geq$		0.48	0.53	0.53	0.53
Sieve ratio%	0.25mm $\leq$	1.0	1.0	2.0	2.0
	0.063mm $\geq$	98	98	97	97
"Fish eye" number unit /400cm ² $\leq$		10	10	20	20
100g resin plasticizer absorbtion g $\geq$		28	19	16	14
Whiteness(after 160℃ 10min) $\geq$		80	80	80	80
Residual VCM ppm $\leq$		1.0	1.0	1.0	1.0