

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	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 absorption g \geq	28	19	16	14	
Whiteness(after 160°C 10min) \geq	80	80	80	80	
Residual VCM ppm \leq	1.0	1.0	1.0	1.0	



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