

PVC Resin-SG5

Technical DataSheet | Supplied by ZhengZhou Sino Chemical

PVC Resin-SG5 by ZhengZhou Sino Chemical is a polyvinylchloride (PVC) grade. Exhibits good chemical stability, corrosion and water resistance. It can be dissolved in acetone, hydrochloric ether, ester and some alcohol. Offers good solubility, good electrical insulation, thermoplasticity and membrane forming capacity. PVC Resin-SG5 is recommended for rigid plate, gramophone record, valve & welding rod, PVC pipes, PVC windows and doors.

Product Type PVC (Polyvinylchloride)

Product Status COMMERCIAL

Applications/ Recommended for Pipes, Hoses & Fittings

Key Features

PVC Resin-SG5 Properties

Physical	Value & Unit	Test Condition	Test Method
Viscosity Number	107 - 118 ml/g		
K Value	66 - 68 -		
Average Degree of Polymerization	1000 - 1100 -		
Foreign Particle	< 30 -		
Volatile matter	< 0.4 %		
Apparent Density	> 0.45 g/ml		
Particle Size	< 2.0 %	0.25 mm Sieve	
Particle Size	> 90 %	0.063 mm Sieve	

No. of Fish Eye < 40 at 400 cm²

Plasticizer Absorption > 17 g 100g Resin

VCM Residue < 10 ppm

Whiteness > 75 % 160°C, 10min

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