

PVC**PVC K67****SUSPENSION PVC (S-PVC)**

This is a suspension-polymerized polyvinyl chloride (PVC) homopolymer resin with a K-value of 67, formulated for rigid extrusion applications requiring good particle morphology and low residual monomer content.

Typical Applications:

- Window and door profiles
- Pressure and corrugated pipes
- Marble-alternative (stone-effect) compounds

Physical Properties

Properties	Test Method	Typical Value	Unit
Inherent Viscosity (I.V.)		0.90-0.94	
Porosity		0.20-0.32	ml/g
Apparent Bulk Density (A.B.D.)		0.49-0.56	g/cm ³
Particle Size Retained on 40 Mesh (RET40)		1 max	%
Particle Size Retained on 60 Mesh (RET60)		5 max	%
Particle Size Through 140 Mesh (TH.140)		25 max	%
Average Particle Size (A.P.S.)		150-170	micron
Heat Loss (H.L.)		0.3 max	%
Dial Reading (D.R.)		6 max	/100 in ²
Fish Eyes (F.E.)		20 max	/36 in ²
Flow Time (F.T.)		15-25	sec
Residual VCM (R.VCM)		1 max	ppm

The nominal properties reported herein are typical of the product and do not reflect normal testing variance; they should not be used for specification purposes.