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SHINTECH

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 DOCUMENT**

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**Polyvinyl Chloride Resin
 Product Specifications**

Effective Date: 06/02/14
 Supersedes: 03/03/03

SE-950EG

General Description

Type : Polyvinyl Chloride Homopolymer
 Polymerization Process : Suspension
 Appearance : White, free flow powder

Features and Uses

Extrusion : Foam Profile, Pipe, Siding, Profile
 Calendering Rigid sheet

Specification

Resin Properties	Unit	Specification Range	Test Method
Inherent Viscosity		0.890 – 0.920	ASTM D 1243
K Value ^①		65.7 – 67.1	ISO 1628-2
Bulk Density	lbs./ft. ³	33.5 – 37.5	ASTM D 1895
	g /cc	0.537 – 0.601	
Particle Size	%		ASTM D 1921
40 mesh on pan		0.5 maximum	
		5.0 maximum	
Average Particle Size	micron		ASTM D 1921
Volatile	%	0.3 maximum	ASTM D 3030
Residual VCM	ppm	1.0 maximum	EPA 107
Foreign Matter (250g PVC/Liter of water)		15 maximum	QAWT 1008
Resin Color(Hunter)			QAWT 1015
L value		97.0 minimum	
a value		0.3 maximum	
b value		1.5 maximum	

^① K Value (reference) from a viscosity conversion table.