

Producer: Shintech Inc. / The United States (USA)

SE-650F

Description:

Polyvinyl Chloride Homopolymer (PVC)

Polymerization Process:

Suspension

Appearance :

White, free flow powder

Features and Uses:

Extrusion : Film Sheet, Profiles, Blow Molding

Calendering : Film

Injection Molding: Fittings

Specification:

RESIN PROPERTIES	UNIT	SPECIFICATION RANGE	TEST METHOD	TYPICAL VALUE REFERENCE ONLY
Inherent Viscosity		0.650 – 0.700	ASTM D 1243	0.679
K Value ¹		55.0 – 57.3	DIN 53726	56.3
Bulk Density	lbs./ft. ³	36.5 – 39.5	ASTM D 1895	38.0
	g /cc	0.584 – 0.633		0.608
Particle Size	%		ASTM D 1921	
40 mesh on		0.5 maximum		0.0
pan		5.0 maximum		1.4
Average Particle Size	micron		ASTM D 1921	135
Volatile	%	0.3 maximum	ASTM D 3030	0.2
Residual VCM	ppm	1.5 maximum	EPA 107	0.3
Foreign Matter (250g PVC/Liter of water)		30 maximum	QAWT 1008	15

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