



ARVAND PETROCHEMICAL COMPANY

POLYVINYL CHLORIDE - PVC S6542

PVC S6542 is a high-quality suspension PVC homopolymer (K-value 64–66) engineered for rigid applications that demand strength, durability, and consistent processing. Produced by Arvand Petrochemical Company, this resin offers excellent mechanical performance, high purity, optimal melt flow, and reliable fusion, making it ideal for extrusion, injection molding, and calendering. Widely used in rigid pipes, window and door profiles, sheets, bottles, and construction materials, PVC S6542 is a trusted choice for manufacturers seeking dependable quality and competitive supply for both domestic and export markets.

Producer	Applications			
Typical Properties	Resin Properties	Unit	Typical Value	Test Method
ARVAND	K-Value	-	65±1	ISO 1628/2
	Viscosity Number	-	105	ISO 1628/2
	Bulk Density	g/l	460-520	ISO 60
	Sieve Analysis	%	95-100	ISO 4610
	Retained on	-	<1	ISO 4610
	Porosity	%	24-30	ISO 4608
	Volatile Matter	-	≤0.3	ISO 1269
	Flowability	s/150g	≤35	ISO 6186
	Residual VCM	ppm	<1	ISO 6401
	Dark Resin Particles	-	≤20	In Powder
	Fish Eye	-	≤2	Felttest Per 25cm ²
	Sulfate Ash	-	≤0.1	ISO 3451-1