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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
ARVAND	Rigid pipes, profiles, sheets, bottles, construction materials, window and door profiles, automotive parts, and other high-strength, impact- and pressure-resistant products.

Typical Properties			
Resin Properties	Unit	Typical Value	Test Method
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 <sup>2</sup>
Sulfate Ash	-	≤0.1	ISO 3451-1