



ARVAND PETROCHEMICAL COMPANY

POLYVINYL CHLORIDE - PVC S7042

PVC S7042 is a high K-value (70 ± 1) suspension PVC resin from Arvand Petrochemical Company, engineered for flexible applications that require excellent plasticizer absorption, clarity, and smooth processing. With superior flow characteristics and strong mechanical performance, it is widely used in medical devices, food packaging, hoses, films, flooring, cables, and artificial leather. This grade is an ideal choice for manufacturers seeking high flexibility, reliable quality, and efficient production.

Producer	Applications			
Typical Properties	Resin Properties	Unit	Typical Value	Test Method
ARVAND	K-Value	-	70 ± 1	ISO 1628/2
	Viscosity Number	-	125	ISO 1628/2
	Bulk Density	g/l	450-510	ISO 60
	Sieve Analysis	%	95-100	ISO 4610
	Retained on	-	<1	ISO 4610
	Porosity	%	29-35	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