



ARVAND PETROCHEMICAL COMPANY

POLYVINYL CHLORIDE - PVC S7242

PVC S7242 is a specialty high K-value (71–73) suspension PVC resin produced by Arvand Petrochemical Company, designed for flexible and electrical applications that require superior plasticizer absorption, strong insulation, and high impact resistance. With excellent mechanical performance and compliance with international standards, it is widely used in wire and cable insulation, flexible tubing, films, toys, medical supplies, and calendered sheets, making it a reliable choice for manufacturers seeking high-performance flexible PVC solutions.

Producer	Applications
ARVAND	Cable insulation, Hoses, Flexible and transparent films, Toys. Injection-molded goods. Calendered sheets, Medical products

Typical Properties			
Resin Properties	Unit	Typical Value	Test Method
K-Value	-	72±1	ISO 1628/2
Viscosity Number	-	128-136	ISO 1628/2
Bulk Density	g/l	430-490	ISO 60
Sieve Analysis	%	95-100	ISO 4610
Retained on	-	<1	ISO 4610
Porosity	%	30-35	ISO 4608
Volatile Matter	-	≤0.3	ISO 1269
Flowability	s/150g	≤35	ISO 6186
Residual VCM	ppm	<1	ISO 6401
Dark Resin Particles	-	≤10	In Powder
Fish Eye	-	≤2	Felttest Per 25cm ²
Sulfate Ash	-	≤0.1	ISO 3451-1