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ARVAND PETROCHEMICAL COMPANY

## POLYVINYL CHLORIDE - PVC S8040

PVC S8040 is a high K-value ( $80 \pm 1$ ) suspension PVC resin from Arvand Petrochemical Company, engineered for flexible applications that demand superior transparency, easy processing, and consistent quality. With its high molecular weight and excellent clarity, it is widely used in medical devices, food-contact products, high-clear films, hoses, and wire insulation, making it an ideal choice for manufacturers seeking reliable performance in advanced flexible PVC production.

Producer	Applications
ARVAND	ideal for high-clarity films, medical devices, and food contact products requiring superior transparency and easy processing.

Typical Properties			
Resin Properties	Unit	Typical Value	Test Method
K-Value	-	$80 \pm 1$	ISO 1628/2
Viscosity Number	-	164-172	ISO 1628/2
Bulk Density	g/l	420-480	ISO 60
Sieve Analysis	%	95-100	ISO 4610
Retained on	-	<1	ISO 4610
Porosity	%	30-35	ISO 4608
Volatile Matter	-	$\leq 0.3$	ISO 1269
Flowability	s/150g	$\leq 35$	ISO 6186
Residual VCM	ppm	<1	ISO 6401
Dark Resin Particles	-	$\leq 10$	In Powder
Fish Eye	-	$\leq 2$	Felttest Per 25cm <sup>2</sup>
Sulfate Ash	-	$\leq 0.1$	ISO 3451-1