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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
ARVAND	Flexible and foamed PVC products, Medical devices, Films and sheets, Hoses and cables, Artificial leather, Transparent articles, Food contact packaging, Flooring

Typical Properties			
Resin Properties	Unit	Typical Value	Test Method
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