

# INTRODUCTION OF PETROCHEMICAL PRODUCTS

## POLY VINIL CHLORIDE (PVC)

# S7042

## PVC HOMO / ARVAND Pet.Co.

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Ash Content	0.1	%. WT	Sulfate ash, < 0.1	ISO 3451-1
Dark Resin Particles	20	Count	≤ 20	-----
Density	0.45 – 0.51	g/cm <sup>3</sup>	Bulk density	ISO 60
Fish Eye	2	Count	≤ 2	-----
Flow ability	35	S/150g	10mm nozzle, ≤ 35	ISO 6186
K-Value	69 -71	-----	-----	ISO 1628
Particle size distribution	95 – 100	%	> 63μm	ISO 4610
Particle size distribution	0 – 1	%	> 250μm	ISO 4610
Particle size distribution	1	%	Retained on 0.4 mm sieve, < 1	ISO 4610
Porosity	29 – 35	%	plasticiser absorption	ISO 4608
VCM Residual Monomer	1	Ppm	≤ 1	ISO 6401
Viscosity Number	120 – 129	cm <sup>3</sup> /g	-----	ISO 1628
Volatiles	0.3	%	< 0.3	ISO 1269

- Manufacturer: Arvand Pet.co.
- Application: Film, profile, wire and cable coating, shoes, medical gloves, serum tube.
- Process: Extrusion, injection molding, dip coating.
- Features: PVC suspension.

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