

PRIMEX P 250

Polyvinyl chloride for thermoplastic processing

PRIMEX P 250 is a homopolymer PVC resin manufactured by the suspension polymerization process. It has a high molecular weight and is characterized by good color, good plasticizer absorption and excellent thermal stability. ASTM D 1755 classification.

Application	rigid	flexible
Films & Sheets		●
Flooring		○
Others		●
Profiles & Pipes		●
Sealants		○
Textile Coatings		●
Wire & Cables		●

● recommended ○ feasible ■ additive

Property	Method	Unit	Value *1
K value	DIN EN ISO 1628-2	-	70
Apparent Density	ASTM D 1895-96	g/cm ³	≥ 0.47
Sieve Analysis - retained on #40	ASTM D 1921-96	%	≤ 0.05
Sieve Analysis - retained on #60	ASTM D 1921-96	%	≤ 5
PAN	ASTM D 1921-96	%	≤ 4
Volatile Matter	ASTM D 3030-11	%	≤ 0.3
Fish-eyes	ASTM D 3596-92	#/dm ²	≤ 25
Plasticizer Absorbtion	ASTM D 3367-13	cm ³ /g	≥ 0.31
Residual Vinyl Chloride Monomer	ASTM D 3749-13	mg/kg	≤ 1

*1: The figures quoted above are typical values, and do not form part of the specification.

PRIMEX P 250

Processing and Application

PRIMEX P 250 is a high molecular weight resin offering good mixing process and good thermal stability.

Recommended for flexible applications that require low volume resistance and good color.

Applications include:

- Power cable
- Soft, flexible packaging film
- Injection-moulded flexible parts, soles, shoes, upholstery.
- Semi-rigid thin wall communications and bottles
- Membrane, tarpaulings, shower curtains,
- Flexible pipe, extruded tubing hose and bags

Processing methods include:

- Extrusion
- Injection Molding
- Blow Molding
- Calendering

Packaging, Delivery

in bags (25 kg), supersacks (600 kg, 1,200 kg), bulk and railway-hopper.

Storage

The recommended storage conditions for the material are:

- Dry environment
- Not in the vicinity of direct or indirect heat sources

Shelf-life

According to the available experience, PVC can be stored almost without restrictions and can be used for months to several years if stored properly. We recommend consumption within one year after delivery.

Safety

Please refer to the current safety data sheet for the safety precautions necessary for handling.

General Notes

For further information and advice, please contact our technical service at Technical-Service.LATAM@vestolit.com or our representatives.