vestolit

orbia

HUZUR

www.huzurplastik.com
info@huzurplastik.com
+90 212 444 14 97

PRIMEX G 30 HP

Polyvinyl chloride for thermoplastic processing

PRIMEX G 30 HP is a homopolymer PVC resin manufactured by the suspension polymerization process. It has a high molecular weight and is characterized by higher plasticizer absorption, low fish eyes content and shorter powder mix time.
ASTM D 1755 classification, USP plastic Class VI for medical and food applications.

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
Inherent Viscosity (IV)	ASTM D 1243-95	-	1.02
Apparent Density	ASTM D 1895-96	g/cm³	≥ 0.47
Particle Size - passes through sieve #140	ASTM D 1921-96	%	≤ 40
Sieve Analysis - retained on #40	ASTM D 1921-96	%	0.0
Volatile Matter	ASTM D 3030-11	%	≤ 0.3
Fish-eyes	ASTM D 3596-92	-	≤ 12
Plasticizer Absorbtion	ASTM D 3367-13	cm³/g	≥ 0.35
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.

Version 10|2022

PRIMEX G 30 HP

Processing and Application

PRIMEX G 30 HP is a high molecular weight resin offering excellent mixing process and good thermal stability.

Recommended for flexible applications that require low volume resistance, low fish eyes content, food and medical approval.

Applications include:
- Power cable
- Soft, flexible food packaging film
- Injection-molded flexible parts, soles, shoes, upholstery.
- Semi-rigid thin wall communications and bottles
- Membrane, tarpaulins, shower curtains,
- Flexible pipe, extruded tubing, medical hose and bags

Processing methods include:
- Extrusion
- Injection Molding
- Blow Molding
- Calendering

Packaging, Delivery

in bags (25 kg), supersacks (700 kg, 1,200 kg), bulk, hopper-car or 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.

Version 10|2022