

VESTOLIT P 1351 K*

Polyvinyl chloride for paste processing

VESTOLIT P 1351 K is a paste-forming homopolymer which produces Newtonian pastes with low viscosity and a good shelf life.

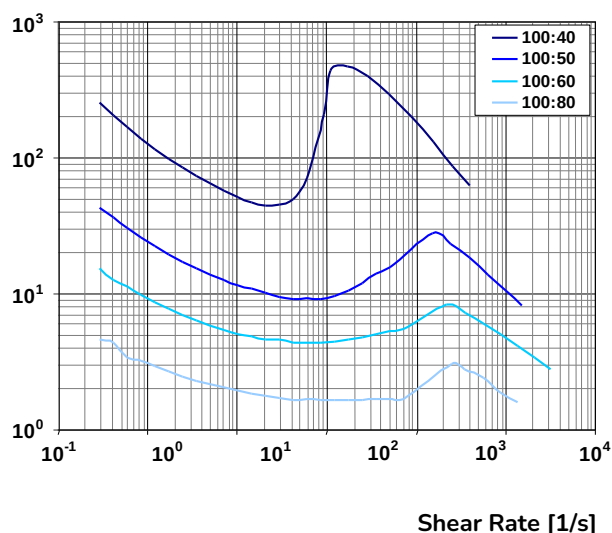
P 1351 K can be formulated into pastes with a low plasticiser content, primarily into chemical foams, but also in solid coatings.

Application	Solid	Foam
Artificial Leather	●	●
Films & Sheets		
Flooring	○	
Others	●	
Sealants		
Technical Coatings		
Textile Coatings		
Wall Coverings		

● recommended ○ feasible

P 1351 K / DINP-Ratio

Viscosity [Pa s]



Viscosity as a function of the shear rate for various PVC/plasticiser ratios, measured in a rotary viscometer at 25 °C after 24 h aging.

Property	Method	Unit	Value *1
K value	DIN EN ISO 1628-2	-	69
Viscosity number	DIN EN ISO 1628-2	cm ³ /g	120
Apparent Density	DIN EN ISO 60	g/cm ³	0.3
Sieve Analysis - retained on 0.063 mm sieve	DIN EN ISO 1624	%	< 1
Paste Viscosity - @ 1.5 /s	-	Pa s	3.5
Paste Viscosity - @ 45 /s	-	Pa s	3.0
Water Content according to K. Fischer	ISO 15512	%	≤ 0.3
pH Value of the Aqueous Extract	DIN EN ISO 1264	-	6

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

100 parts PVC, 60 parts DINP - measured in a rotary viscometer with a defined shear gap at 25 °C after ageing for 2 hours.

*Our high-quality PVC VESTOLIT P 1351 K is also available in the sustainable FUTURE-FIT versions RENEWABLE, BIO and CIRCULAR. This technical product data sheet applies to all product variants, including the FUTURE-FIT versions. If you would like to find out more about our FUTURE-FIT PVC produced from biomass balanced or circular feedstock and how you can reduce your carbon footprint with our products, our experts will be happy to help you. Visit our website at www.vestolit.com/future-fit for more information.

VESTOLIT P 1351 K

Processing

VESTOLIT P 1351 K has outstanding foaming properties and a wide processing range. Foams with a very fine cellular structure and good printability can be obtained even from extremely hard formulations, using inexpensive standard plasticisers in the presence of fast kicker systems.

Applications are

- Artificial Leather (Apparel, Furniture)
- Flooring (Cushion Vinyls (CV))
- Others (Dolls)

Processing methods include

- Casting
- Plastisol Coating
- Spread Coating
- Dip Molding
- Rotational Molding

Packaging, Delivery

in bags (25 kg), bulk

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.Germany@vestolit.com or our representatives.