

VESTOLIT E 8001

Polyvinyl chloride for paste processing

VESTOLIT E 8001 is a paste forming, alkaline pre-stabilized homopolymer that is suitable to produce medium-viscosity pastes with slightly pseudoplastic flow behavior and good storage stability.

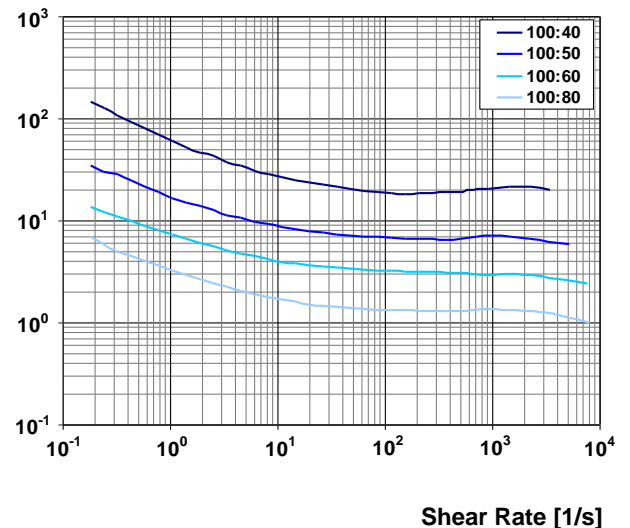
Due to its property profile, VESTOLIT E 8001 is advantageous for use in compact applications.

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

● recommended ○ feasible

E 8001/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
K value	DIN EN ISO 1628-2	-	80
Viscosity number	DIN EN ISO 1628-2	cm ³ /g	170
Apparent Density	DIN EN ISO 60	g/cm ³	0.4
Sieve analysis - retained on 0.040 mm sieve	DIN EN ISO 1624	%	≤ 1
Paste viscosity 1.5 /s	-	Pa s	6.6
Paste viscosity 45 /s	-	Pa s	3.0
Water content according to K. Fischer	DIN 53 715	%	≤ 0.4
pH value of the aqueous extract	DIN EN ISO 1264	-	11

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.

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Processing and Application

VESTOLIT E 8001 is mainly used in compact coatings to produce artificial leather, wallpaper and conveyor belts. The special particle size distribution with only a small proportion of coarse particles in the product is used especially in the manufacture of compact wallpaper by reverse roll coater or rotary screen-printing. Despite the high grain fineness, the resulting coatings show a high degree of matt finish.

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.