

VESTOLIT E 7012 S

Polyvinyl chloride for paste processing

VESTOLIT E 7012 S is a paste forming homopolymer suitable for the production of low to medium viscosity pastes with pseudoplastic flow behavior.

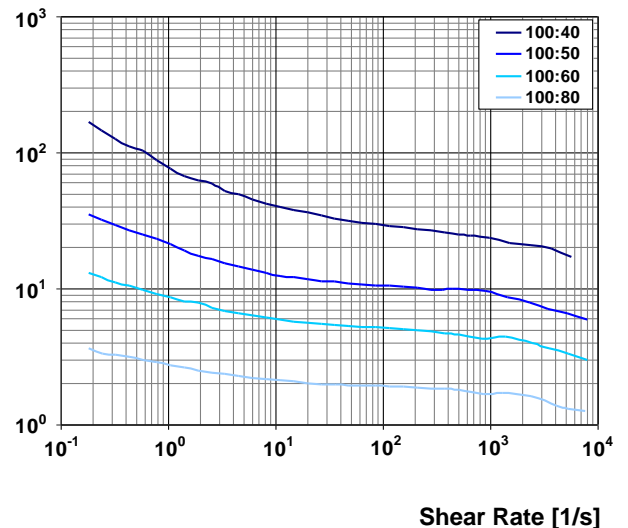
The product shows excellent foaming properties in both semi-rigid and rigid formulations.

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

● recommended ○ feasible

E 7012 S/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	-	67
Viscosity number	DIN EN ISO 1628-2	cm ³ /g	112
Apparent Density	DIN EN ISO 60	g/cm ³	0.4
Sieve analysis - retained on 0.063 mm sieve	DIN EN ISO 1624	%	< 1
Paste viscosity 1.5 /s	-	Pa s	5.5
Paste viscosity 45 /s	-	Pa s	3.7
Water content according to K. Fischer	DIN 53 715	%	≤ 0.4
pH value of the aqueous extract	DIN EN ISO 1264	-	8

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 7012 S is characterized by rapid foaming and very good foam color. Foams with a high open cell content can be produced over a wide processing range. The resulting excellent recovery elasticity and slight pseudoplasticity of the pastes produced from VESTOLIT E 7012 S predestine the product for the manufacture of textured foamed wallpapers.

In addition, the requirements for good impact sound insulation in CV flooring are also supported by the good foam structure.

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.