

Product information

VESTOLIT[®] E 7012 S

Polyvinyl chloride for paste processing

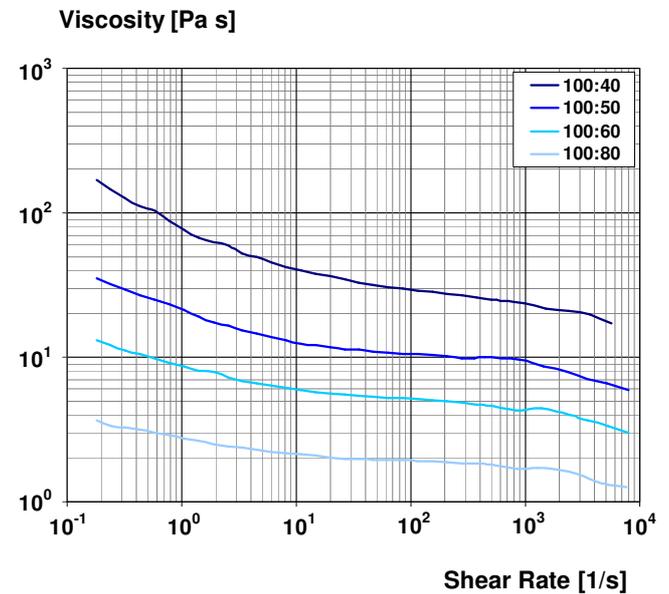
VESTOLIT E 7012 S is a paste-forming homopolymers suitable for production of low to medium viscosity pastes with pseudo-plastic flow.

The properties of the product is particularly suited to the production of soft to medium chemical foams.

Application	Solid	Foam
Coated fabrics	○	○
Floor coverings		○
Wallpapers, wall coverings	○	●
Canvas coating		
Unsupported layers, films	○	○
Dipping, casting		
Spray coating		

● recommended ○ feasible

E 7012 S/DINP-Ratio



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

Property	Method	Unit	Value ¹⁾
K value	DIN EN ISO 1628-2	-	67
Viscosity number	DIN EN ISO 1628-2	cm ³ /g	112
Apparent bulk density	DIN EN ISO 60	g/cm ³	0.4
Sieve analysis - retained on 0.063 mm sieve	DIN EN ISO 1624	%	< 1
Water content according to K. Fischer	DIN 53 715	%	≤ 0.4
pH value of the aqueous extract	DIN EN ISO 1264	-	7
Paste viscosity 1.5 /s		Pa s	6
Paste viscosity 45 /s		Pa s	4

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.

VESTOLIT E 7012 S has both fast expansion and very good foam colour. Foams with a high degree of open cells may be produced over a wide processing range. The slight pseudoelasticity of the

pastes made from VESTOLIT E 7012 S and the resulting excellent recovery of the foam mean the product is used predominantly for manufacture of structural foamed wallpaper.

