

Product information

VESTOLIT® B 6512

Polyvinyl chloride for paste processing

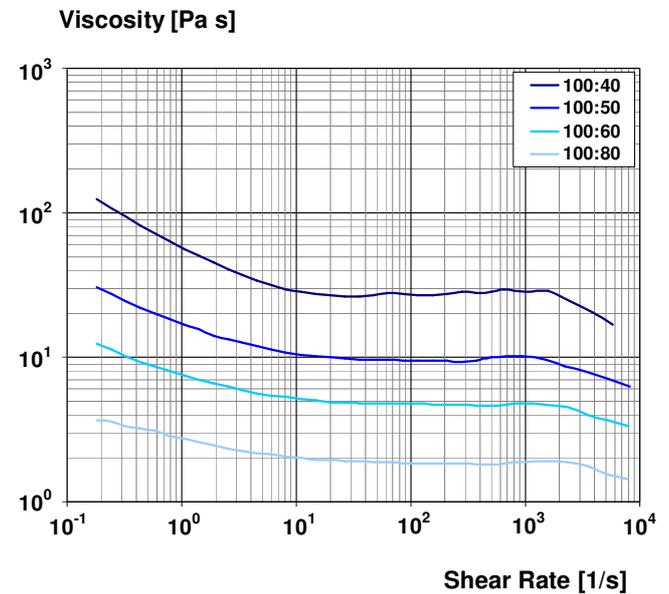
VESTOLIT B 6512 is a paste-forming homopolymer which is suitable for producing medium to low viscosity pastes with almost Newtonian flow.

B 6512 has excellent foaming properties in both semi-rigid and rigid formulations.

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

● recommended ○ feasible

B 6512/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	-	65
Viscosity number	DIN EN ISO 1628-2	cm ³ /g	105
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	4.5
Paste viscosity 45 /s		Pa s	3.5

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 B 6512 expands quickly and has very good foam colour. Foams with a high proportion of open cells are produced over a wide processing range and produce wall papers with excellent foam recovery. The flow properties and the fine

particle size distribution of B 6512 are optimised for processing by the rotating screen printing process. The low melt viscosity and excellent release from metal surfaces make B 6512 particularly suited for foamed and embossed wallpapers.

