

Product information

VESTOLIT[®] B 7090 Ultra

Polyvinyl chloride for paste processing

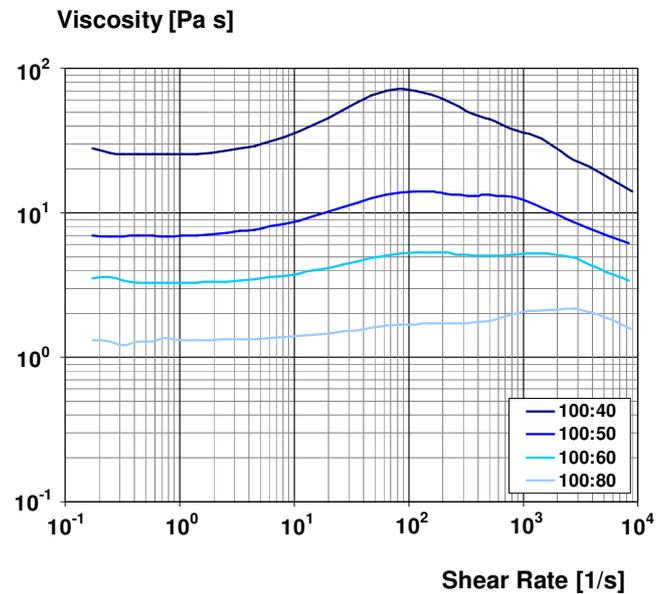
VESTOLIT B 7090 Ultra is a paste-forming micro-S-PVC copolymer which is suitable for producing pastes with almost Newtonian flow.

The general properties of B 7090 Ultra are particularly suited to the production of low fusion temperature pastes for compact applications and for mechanically expandable foams.

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

● recommended ○ feasible

B 7090 Ultra/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	0.3
Sieve analysis - retained on 0.063 mm sieve	DIN EN ISO 1624	%	< 1
Water content according to K. Fischer	DIN 53 715	%	≤ 0.3
pH value of the aqueous extract	DIN EN ISO 1264	-	7
Paste viscosity 1.5 /s		Pa s	2.2
Paste viscosity 45 /s		Pa s	2.8

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.

The vinyl acetate content of approx. 5% in VESTOLIT B 7090 Ultra enables significantly improved fusion characteristics compared with comparable homopolymers. Due to its low viscosity and the excellent storage stability, B 7090 Ultra is recommended for all applications requiring a reduction in fusion temperature over

conventional processing conditions. Consequently, the main application fields are: sealing compounds for cars, the coating of temperature-sensitive substrates and adhesive layers. The good mechanical foaming properties of B 7090 Ultra also enable its inclusion in low-fusion temperature back foams in the CV field.

