

Product information

VESTOLIT® P 1353 KB

Polyvinyl chloride for paste processing

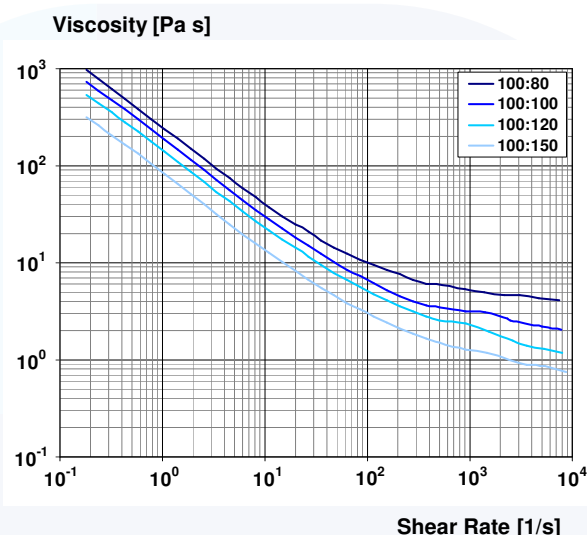
VESTOLIT P 1353 KB is a paste-forming homopolymer which is suitable for producing high viscosity pastes with pronounced pseudoplastic flow.

The product is suitable both for compact processing and for chemical expansion.

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

● recommended ○ feasible

P 1353 KB/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	-	70
Viscosity number	DIN EN ISO 1628-2	cm ³ /g	125
Apparent bulk density	DIN EN ISO 60	g/cm ³	0.35
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	-	10
Paste viscosity - (Bingham - etaB)		Pa s	0.65
Paste viscosity - (Bingham - tau0)		Pa	160

1) The figures quoted above are typical values, and do not form part of the specification.

100 parts PVC, 125 parts DINP - measured in a rotary viscometer with a defined shear gap at 25 °C after ageing for 20 min.

Due to its distinct pseudoplasticity, VESTOLIT P 1353 KB is suitable for processing methods where both high viscosities at low shear rates are called for. The same equally applies to compact

coatings of open fabrics and to the production of foamed imitation leather by the two-coat process and injection methods processes such as under-body coatings of motor vehicles.

Version 09.2013

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