

Product information

VESTOLIT[®] E 7031

Polyvinyl chloride for paste processing

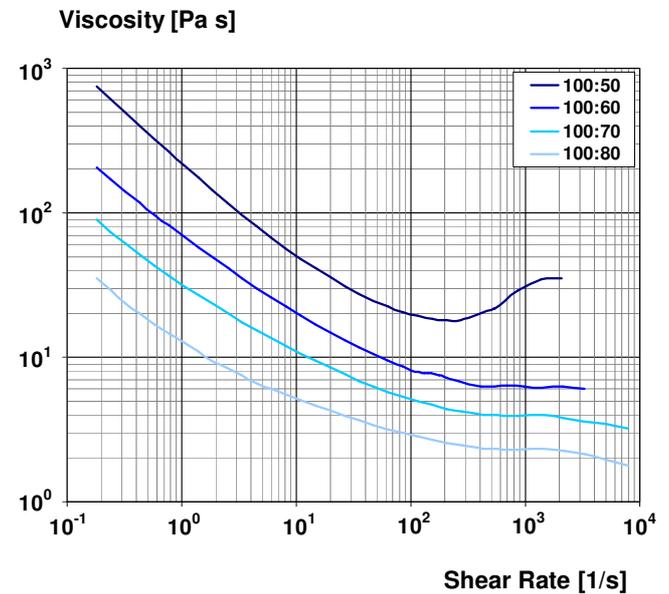
VESTOLIT E 7031 is a paste-forming homopolymer which is suitable for producing high viscosity pastes with a pronounced pseudo-elastic flow and is used mainly in compact processing.

The product can be easily stabilized using any of the usual stabilizer systems.

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

● recommended ○ feasible

E 7031/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	0.45
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	-	9
Paste viscosity 1.5 /s		Pa s	45
Paste viscosity 45 /s		Pa s	9

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 preferred uses of VESTOLIT E 7031 are found where ever the processing method calls for distinctly pseudoplastic pastes. Pastes made from it can also be used in areas from the direct coating

of open fabrics, to the manufacture of foamed imitation leather using the two-coat process and for spray processes such as underbody coatings of motor vehicles.

