

Product information

VESTOLIT[®] P 1415 K 80 Ultra

Polyvinyl chloride for paste processing

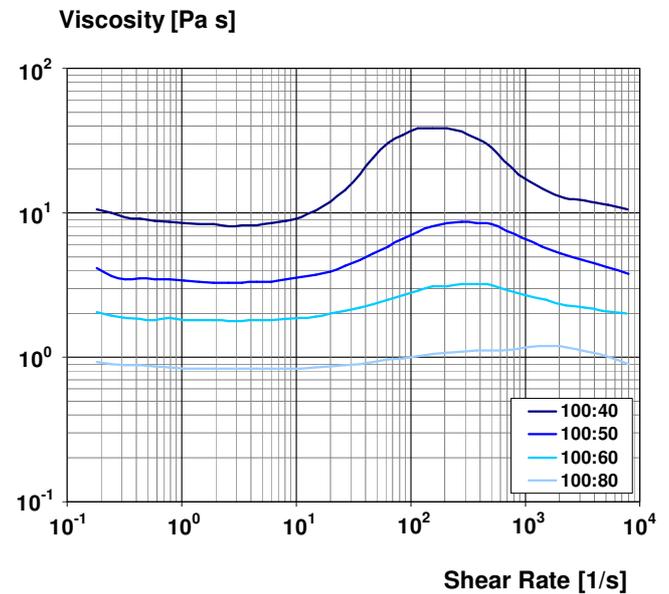
VESTOLIT P 1415 K 80 Ultra is a paste-forming micro S-PVC homopolymer which is suitable for producing low viscosity pastes with almost Newtonian flow.

The properties of P 1415 K 80 Ultra, make it particularly suitable for compact pastes and for mechanical foams.

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

● recommended ○ feasible

P 1415 K 80 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	-	80
Viscosity number	DIN EN ISO 1628-2	cm ³ /g	170
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	-	9
Paste viscosity 1.5 /s		Pa s	1.7
Paste viscosity 45 /s		Pa s	2.2

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 P 1415 K 80 Ultra has excellent drum release. The high K-value and the resulting low surface gloss are desired properties for smooth coatings in top coats. Its rheological properties enable P 1415 K 80 Ultra to be a preferred pro-

duct for uses including priming and embedding of glassfibre mats. High processing speeds can also be achieved during the production of mechanically blown foams with both soap-based and silicon-based foam stabilizers.

