

Product information

VESTOLIT® P 1430 K 90 Ultra

Polyvinyl chloride for paste processing

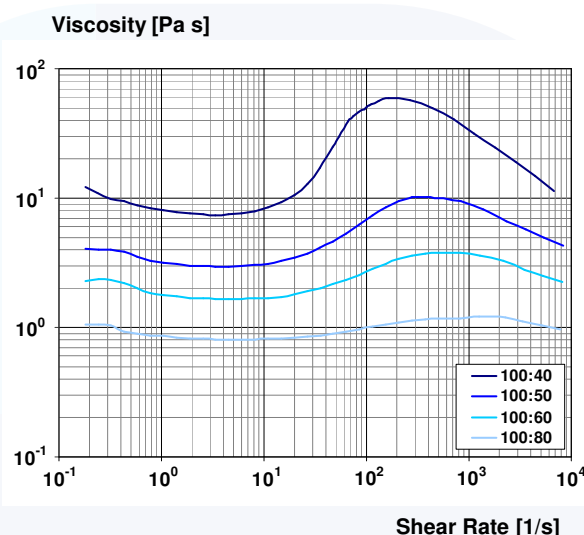
VESTOLIT P 1430 K 90 Ultra is a paste-forming homopolymer which is suitable for producing low viscosity pastes with almost Newtonian flow and good storage stability.

This product was developed for lowplasticiser content pastes e.g. mat, transparent top coats, which are particularly suitable for use in CV floor covering top coats.

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

● recommended ○ feasible

P 1430 K 90 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	-	90
Viscosity number	DIN EN ISO 1628-2	cm ³ /g	227
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	-	6
Paste viscosity 1.5 /s		Pa s	1.6
Paste viscosity 45 /s		Pa s	2.0

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 advantage of VESTOLIT P 1430 K 90 Ultra is its low viscosity and excellent deaeration properties. The superior transparency, mat surface finish and good mechanical properties in gelled films

are tailored to meet the demands of top coats in CV flooring. VESTOLIT P 1430 K 90 Ultra can be easily stabilized using both Ca/Zn and Sn stabilizers.

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