

Product information

VESTOLIT® B 7521 Ultra

Polyvinyl chloride for paste processing

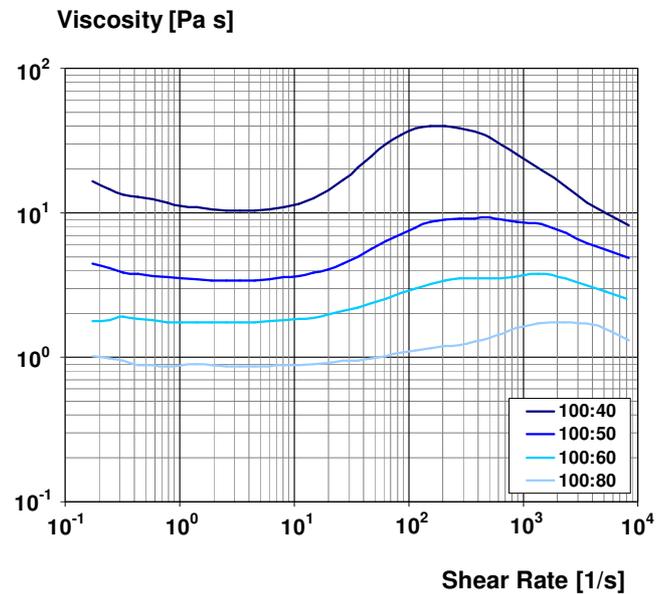
VESTOLIT B 7521 Ultra is a paste-forming micro-S-PVC homopolymer which is suitable for producing low viscosity pastes with almost Newtonian flow and good storage stability.

The product is particularly well suited for paste applications with a low plasticiser content and can be used for coating applications, dip coating and casting.

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

● recommended ○ feasible

B 7521 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	-	75
Viscosity number	DIN EN ISO 1628-2	cm ³ /g	145
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	1.8
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.

In the manufacture and processing of pastes, VESTOLIT B 7521 Ultra is distinguished by its low viscosity and low moisture absorption, properties which are particularly suited to rotational casting, dip coating and dip moulding. In coatings, the

excellent drum release characteristics and good contact fusion capability result in smooth surfaces in glassfibre mat impregnation of CV coatings. For mechanical foams, B 7521 Ultra may also be processed in mechanical foams.

