Product information
VESTOLIT® B 6021 Ultra

Polyvinyl chloride for paste processing

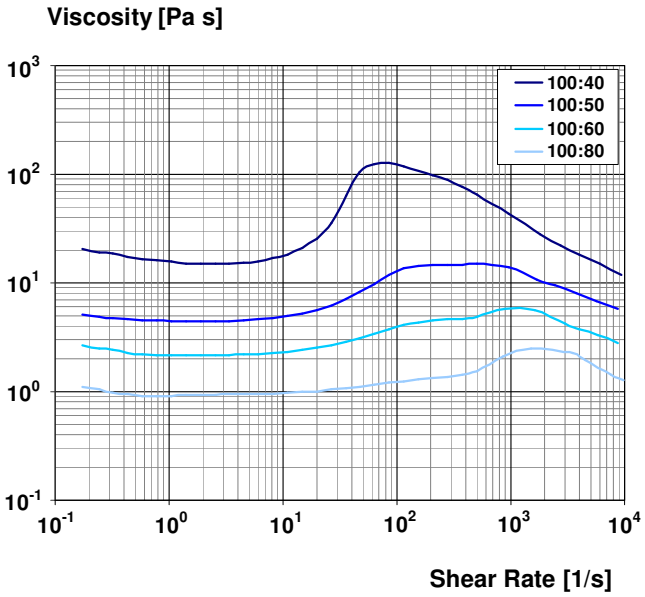
VESTOLIT B 6021 Ultra is a paste-forming micro-S-PVC homopolymer which is suitable for producing low viscosity pastes with almost Newtonian flow and good storage stability.

B 6021 Ultra has both good fusion and foaming properties at low temperatures.

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

● recommended ❍ feasible

B 6021 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	-	60
Viscosity number	DIN EN ISO 1628-2	cm³/g	89
Apparent bulk density	DIN EN ISO 60	g/cm³	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	2.0
Paste viscosity 45 /s		Pa s	2.5

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.

Due to the low K-value of 60, VESTOLIT B 6021 Ultra provides faster fusion even at low temperatures and produces a fine cell structure when using particular kicker / blowing agent combinations, and/or fast kickers. The product is therefore particularly well suited for back coat foaming of CV floor coverings.

In both compact and foamed wallcoverings, high embossing speeds can be realized with B 6021 Ultra due to the low fusion temperature. B 6021 Ultra can be mechanically foamed and also has excellent drum release properties.