

Product information

VESTOLIT[®] P 1382 K

Polyvinyl chloride for thermoplastic processing

VESTOLIT P 1382 K is an emulsion (E) PVC modified with 20 % acrylate. By virtue of this modification with acrylate, VESTOLIT P 1382 K is suitable for use as an additive to S-, M- and E-PVC for the production of increased or highly impact resistant pigmented or translucent products.

Application	rigid	flexible
Extrusion		
- Profiles, pipes	■	
- Profiles, hoses		
- Films/foils, sheets	■	
Calendering		
- HT films	■	
- Floor coverings		

● recommended ○ feasible ■ Additiv

Property	Method	Unit	Value ¹⁾
K value	DIN EN ISO 1628-2	-	60
Apparent bulk density	DIN EN ISO 60	g/cm ³	0.49
Sieve analysis - retained on 0.063 mm sieve	DIN EN ISO 4610	%	≥ 85
Sieve analysis - retained on 0.250 mm sieve	DIN EN ISO 4610	%	≤ 40
Water content according to K. Fischer	DIN 53 715	%	≤ 0.3

1) The figures quoted above are typical values, and do not form part of the specification.

VESTOLIT P 1382 K in film production yields numerous benefits. From addition levels as low as 5 %, the ability to cut and shape the material is improved, whereas above 10 %, the tensile impact strengths (both unnotched and notched) are improved.

Without affecting the Vicat softening temperature, the deep drawing behaviour of films produced using VESTOLIT P 1382 K is also improved. In sheet extrusion, both the impact resistance, and the surface quality are also improved.

