

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
Films & Sheets	■	
Flooring		
Others		
Profiles & Pipes	■	
Sealants		
Textile Coatings		
Wire & Cables		

● recommended ○ feasible ■ Additiv

Property	Method	Unit	Value
K value	DIN EN ISO 1628-2	-	60
Apparent 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.

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Processing and Application

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.

Packaging, Delivery

in bags (25 kg), bulk

Storage

The recommended storage conditions for the material are:

- dry environment
- not in the vicinity of direct or indirect heat sources

Shelf-life

According to the available experience, PVC can be stored almost without restrictions and can be used for months to several years if stored properly. We recommend consumption within one year after delivery.

Safety

Please refer to the current safety data sheet for the safety precautions necessary for handling.

General Notes

For further information and advice, please contact our technical service at Technical-Service.Germany@vestolit.com or our representatives.