

# Vinnolit® E 2178

Polyvinyl Chloride

Vinnolit GmbH & Co. KG

## Message:

Emulsion PVC for thermoplastic processing

® Vinnolit E 2178 is a special emulsion polymer with a high K value for rigid film calendering by the Luvitherm process.

Processing and Applications Vinnolit E 2178 in general should be mixed with typical PVC additives for the Luvitherm process using standard mixing techniques. Mixtures based on Vinnolit E 2178 are calendered by the low-temperature (Luvitherm) process to high-quality rigid film.

Particularly advantageous are the excellent stretching properties of such films at high production speeds. Films based on Vinnolit E 2178 show the following benefits:

Excellent mechanical properties, especially high toughness and tear strength

Low electrostatic charging capability

Glossy surface

Good planarity due to good stretching capability

Good solvent resistance

On account of these properties, Vinnolit E 2178 is preferably used for films to make adhesive tape.

General Information			
Features	Good Stretchability		
	Good Tear Strength		
	Good Toughness		
	High Gloss		
Uses	Film		
	Tape		
Processing Method	Calendering		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Apparent Density	0.50	g/cm <sup>3</sup>	ISO 60
K-Value	78.0		ISO 1628-2
Viscosity Number (Reduced Viscosity)	159.0	ml/g	ISO 1628-2
Particle Size Distribution			ISO 4610
-- 1	< 1.0	%	
-- 2	< 50	%	
Volatile Matter	< 0.30	%	ISO 1269
NOTE			
1.	retained on 0.250 mm screen		
2.	retained on 0.063 mm screen		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

