



EPVC ٧٢٤٤

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### ١) Product Description:

PVC E٧٢٤٤ is a fine-particle emulsion homopolymer for making PVC pastes. Plastisols based on PVC E٧٢٤٤ are distinguished by a low initial viscosity and almost newtonian flow properties.

### ٢) Applications:

Principal applications are pastes for compact vinyl wall coverings, flooring and leather cloth, as well as for coating of woven and non-woven fabrics and of glass strands.

### ٣) Typical Data

Row material properties	Unit	Test method		Typical value*
		DIN	ISO	
K-Value		٥٣٧٢٦	١٦٢٨/٢	٧١-٧٣
Particle size distribution: sieve retention retained on ٠.٠٦٣ mm screen	%	٥٣٧٢٤	٥٦٥	<١.٥
Volatile matter	%	١٧٦٤/٢	١٢٦٩	<.٣
Methanol extract	%	٥٣٧٢٨	٦٤٢٧	<٢.٥
thermostability:	min	Vinnolit HMA ١٨٠		>٢٠
Past viscosity after ١ h	pas	DIN EN ١١٤٦٨ DIN EN ١٣٧١٩ PVC/DOP=١٠.٠/١.٠ ٢٣ c, ١٦SEC	ISO ١١٤٨٨ ISO ٣٢١٩	<٥
Residual VCM	ppm	٥٣٧٤٣	١٤.١	<١

\*The values given above are **typical** test results which should be used as a guide only. The do not form the whole or part of a specification or guarantee.

### ٤) Processing

On account of its favorable rheology at high shear rates, pastes made from PVC E٧٢٤٤ can be processed with all the usual coating methods, particularly with reverse roll coaters. The following properties make PVC E٧٢٤٤ particularly suited to the manufacture of low plasticizer and/or highly filled pastes:

- Very low initial viscosity
- Almost linear flow properties
- Excellent release effect during contact fusion
- High suitability for mechanically blown foam containing silicone based foaming aids