



EPVC ۷۲۴۴

کوثر شیمی  
Kosar Shimi  
+9821 - 43462000  
info@kosar.co  
www.kosar.co

### ۱) Product Description:

PVC E۷۲۴۴ is a fine-particle emulsion homopolymer for making PVC pastes. Plastisols based on PVC E۷۲۴۴ are distinguished by a low initial viscosity and almost newtonian flow properties.

### ۲) 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.

### ۳) Typical Data

Row material properties	Unit	Test method		Typical value*
		DIN	ISO	
K-Value		۵۳۷۲۶	۱۶۲۸/۲	۷۱-۷۳
Particle size distribution: sieve retention retained on ۰.۰۶۳ mm screen	%	۵۳۷۲۴	۵۶۵	<۱.۵
Volatile matter	%	۱۷۶۴/۲	۱۲۶۹	<۰.۳
Methanol extract	%	۵۳۷۲۸	۶۴۲۷	<۲.۵
thermostability:	min	Vinnolit THMA ۱۸۰		>۲۰
Past viscosity after ۱ h	pas	DIN EN ۱۱۴۶۸ DIN EN ۳۳۱۹ PVC/DOP=۱۰.۰/۱.۰ ۲۳ c, ۱۶ SEC	ISO ۱۱۴۸۸ ISO ۳۲۱۹	<۵
Residual VCM	ppm	۵۳۷۴۳	۶۴.۱	<۱

\*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.

### ۴) Processing

On account of its favorable rheology at high shear rates, pastes made from PVC E۷۲۴۴ can be processed with all the usual coating methods, particularly with reverse roll coaters. The following properties make PVC E۷۲۴۴ 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