

E-PVC Emulsion _ Paste grade

Parameter	Test method		Production Grade
	DIN	ISO	
Grade	DIN	ISO	E6834
K- Value	DIN 53726	ISO 1628/2	67-69
Sieve analysis $\geq 63\mu$ (%)	DIN 53724	ISO 565	≤ 2
Volatile matter (%)	DIN 7764/2	ISO 1269	≤ 0.3
Methanol extract (%)	DIN 53738	ISO 6427	≤ 2.2
Residual VCM (ppm)	DIN 53743	ISO 6401	≤ 2
Thermostability (min)	Vinnolit THMA 180		≥ 15
Paste Viscosity, after 1 h (Pas)	DIN EN 11468	ISO 3219	≤ 6

Application for product grades

Grade	Application
E6834	Rigid Foam for Flooring , Leather Cloth , Sealing Compounds, Coating and Laminating

E-PVC (Emulsion-Poly Vinyl Chloride)

PROPERTIES	GRADE					test method	
	A	B	C	D	E	DIN	ISO
	E-60	E-6644	E-6834	E-7244	E-7544		
K-Value	59-61	64-66	67-69	71-73	74-76	53726	1628/2
Sieve analysis							
> 63 μm (%)	≤ 1.5	≤ 1.5	≤ 2	≤ 1.5	≤ 1.5	53724	565
Volatile matter (%)	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3	7764/2	1269
Methanol extract %	≤ 2.5	≤ 2	≤ 2.2	≤ 2.5	≤ 2.5	53738	6427
Thermostability (min) Mathiss drying oven	> 15	> 15	> 15	> 20	> 20	vinnolit THMA 180	
Paste viscosity After 1 h (pas)	≤ 13	≤ 7	≤ 6	≤ 5	≤ 5	EN 11468	11468
						EN 3219	3219
						PVC/DOP=100 /60 23°C 16 sec	
Residual VCM(ppm)	≤ 1	≤ 1	≤ 2	≤ 1	≤ 1	53743	6401
Designed Production capacity(T/Y)	6000	6000	8000	10000	10000		

Applications

Grade A	wall covering
Grade B	leather foam, wall covering, cushion floor
Grade C	rigid foam for flooring, leather cloth, sealing compounds, coating and laminating
Grade D	wall covering, gloves, toys, cushion floor, leather cloth, book binding
Grade E	leather skin, metal coating, molding, wall covering, gloves, marking films