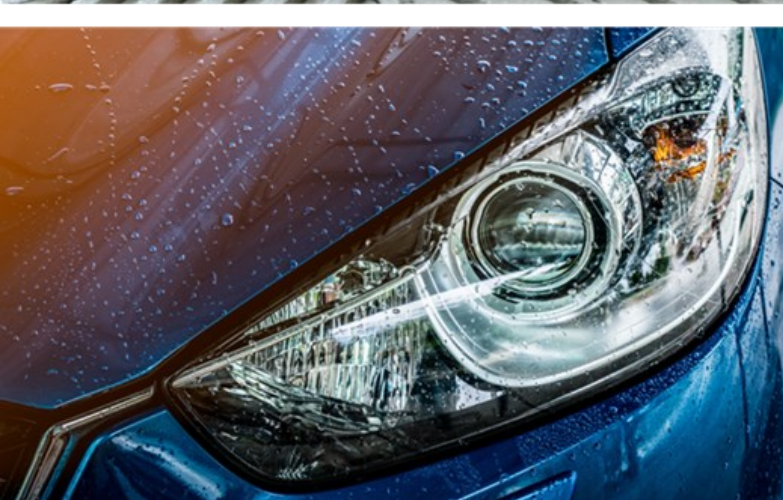




Vinaltex™
Polyvinyl acetate (PVAc) Product Selector

General Purpose Adhesives Parquet Floor Adhesives Sound Damping Foils Heat Activated Adhesives and Coatings Laminating and Metal Adhesives Hot Stamping Foils Paper Saturation and Impregnation Thermoflexible Binders and Primers Exterior Binders and Primers Interior Binders and Primers Sealants SMC (Polyester Composites) BMC (Polyester Composites) RTM (Polyester Composites) Pultrusion and Pull-Winding (Polyester Composites) Hand Lay-Up and Spray-Up (Polyester Composites) Filament Winding (Polyester Composites) Additive Manufacturing (Polyester Composites) B-Side Carrier (Polyester Composites) Composites																					
Product Name	Application Recommendations																				Polymer Family
Vinaltex™ M-Series Polyvinyl Acetate Homopolymers																					
M30	●	●	●	●		○	○	●					○	●	●	●	●	●	○	VAc	
M40	●	●	○	●				○					●		●			○	●	VAc	
M45	●	●	○	●									●		●				●	VAc	
M50	●	●	●	●									●		●					VAc	
M60	●	●	●	●									●							VAc	
Vinaltex™ Polyvinyl Acetate/Crotonic Acid Copolymers																					
H301					○	○							●	○	●				●	○	VAc/CA
H302					○								●	○						○	VAc/CA
MCT5	●	○	○	●	●	●	●	●		●			○								VAc/CA
Vinaltex™ Polyvinyl Acetate/Dibutyl Maleate Copolymers																					
H356				○											●				●		VAc/DBM
M35/73 (Solution)				●				○	●	●	●										VAc/DBM
Vinaltex™ Polyvinyl Acetate Homopolymers in Styrene																					
T85													○	●	●	●	●	●	○	VAc	
T120													●		●			○	●	VAc	
T150													●		●				●	VAc	
T175													●		●					VAc	
T250													●							VAc	
Vinaltex™ Polyvinyl Acetate Acid/Crotonic Acid Copolymers in Styrene																					
T100													●	○	●				●	○	VAc/CA
T160													●	○					○	VAc/CA	

Properties*	Solid content [%]	Solvent	EtOAc Viscosity at 20% solids [mPa.s] ¹⁾	Styrene Viscosity at 40% solids [mPa.s] ²⁾	Acid Value [mg KOH/g]	Glass Transition Temperature [°C] ³⁾	Molecular weight [Mw]	Youngs Modulus [MPa]	Peak Stress at Break [MPa]	Product Name
●	≥ 99	-	17 - 25	600 - 1,800	-	36 ± 2	~85,000	1,200	8	M30
	≥ 99	-	30 - 50	2,100 - 4,000	-	40 ± 2	~120,000	1,300	13	M40
	≥ 99	-	50 - 70	4,000 - 6,800	-	40 ± 2	~150,000	1,900	25	M45
	≥ 99	-	80 - 140	7,800 - 20,000	-	42 ± 2	~176,000	2,100	26	M50
	≥ 99	-	150 - 220	23,000 - 42,500	-	42 ± 2	~245,000	2,300	29	M60
○	≥ 99	-	18 - 30	750 - 2,500	5 - 7	38 ± 2	~100,000	900	14	H301
	≥ 99	-	45 - 65	4,500 - 7,500	5 - 7	39 ± 2	~150,000	1,700	21	H302
	≥ 99	-	7 - 13	200 - 13000	35 - 45	46 ± 2	~36000	-	-	MCT5
●	≥ 97.5	-	14 - 26	400 - 600	-	16 ± 2	~90,000	-	1	H356
	59.0 - 61.0	EtAc	6000 - 12000 ⁴⁾	-	-	16 ± 2	~90000	-	-	M35/73 (Solution)
●	39.0 - 42.0	STY	-	600 - 1,800	-	-	~85,000	-	-	T85
	39.0 - 42.0	STY	-	2,100 - 4,000	-	-	~120,000	-	-	T120
	39.0 - 42.0	STY	-	4,000 - 6,800	-	-	~150,000	-	-	T150
	39.0 - 42.0	STY	-	7,800 - 20,000	-	-	~176,000	-	-	T175
	39.0 - 42.0	STY	-	23,000 - 42,500	-	-	~245,000	-	-	T250
●	39.0 - 42.0	STY	-	750 - 2,500	5 - 7	-	~100,000	-	-	T100
	39.0 - 42.0	STY	-	4,500 - 7,500	5 - 7	-	~150,000	-	-	T160

● main applications/ good performance

○ can be used in this application

VAc - Vinyl Acetate
CA - Crotonic Acid
DBM - Dibutyl Maleate
EtOAc - Ethyl Acetate
STY - Styrene

¹⁾ 20% solid content in Ethyl Acetate @ 20°C

²⁾ 40% solid content in Styrene @ 23°C

³⁾ DSC Mid-Point

⁴⁾ Product viscosity as received

*Data describes typical properties - not product specifications
Detailed test methods are available on request

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