

WACKER

CREATING TOMORROW'S SOLUTIONS

VINNOL®

VINNAPAS®

NORTH AMERICAN PRODUCT PORTFOLIO

VINNAPAS® AND VINNOL® –
DISPERSIONS FOR NONWOVENS
AND TECHNICAL TEXTILES

BINDERS AND COATINGS FOR THE ENGINEERED FABRICS INDUSTRY

PRODUCT OVERVIEW

Grade	Polymer Base ²	Data ¹			Typical General Characteristics		Stabilization System		Grade
		Solids Content (Residue After Drying) [%]	Viscosity Brookfield [mPa.s]	pH	Glass Transition Temperature T _g (DSC) (Approx.) [°C]	Self-Crosslinking	Protective Colloid/Emulsifier System ³	Made Without Using APE-Containing Surfactants	
VINNAPAS® Vinyl Acetate-Ethylene Copolymer Dispersions									
VINNAPAS® EN1165	VAc-E	52 ± 0.5	300 – 800	5.3 – 6.3	0	Yes	OS	Yes	VINNAPAS® EN1165
VINNAPAS® EN1267	VAc-E	52 ± 1	50 – 450	5.0 – 6.0	-15	Yes	OS	Yes	VINNAPAS® EN1267
VINNAPAS® 192	VAc-E	52 ± 1	50 – 400	4.5 – 6.0	10	Yes	OS	Yes	VINNAPAS® 192
VINNAPAS® EP1133	VAc-E	63 ± 1	800 – 1600	5.0 – 6.0	0	No	OS-PVOH	Yes	VINNAPAS® EP1133
VINNAPAS® EZ123	VAc-E	55 ± 1	100 – 800	4.7 – 5.7	17	No	OS-C	Yes	VINNAPAS® EZ123
VINNOL® Vinyl Chloride Terpolymer Dispersions									
VINNOL® CE35	VC-VAc-E	50 ± 1	20 – 80	6.0 – 7.5	36	No	OS	Yes	VINNOL® CE35
VINNAPAS® Dispersible Polymers									
VINNAPAS® EP907	VAc-E	55 ± 1	2,000 – 2,500	4.3 – 5.3	17	No	PVOH	Yes	VINNAPAS® EP907

Grade	Product Properties					Application Methods				Grade
	Soft Hand	Firm Hand	Hydrophilic	Flame Retardant	Heat-Sealable	Impregnation	Print Bonding	Spraying	Foaming	
VINNAPAS® Vinyl Acetate-Ethylene Copolymer Dispersions										
VINNAPAS® EN1165	●●		●●			●●	●●●	●●	●●	VINNAPAS® EN1165
VINNAPAS® EN1267	●●●		●●●			●●	●	●●●	●●	VINNAPAS® EN1267
VINNAPAS® 192	●	●●	●●●			●●	●●	●●●	●●●	VINNAPAS® 192
VINNAPAS® EP1133	●●	●	●●●		●●	●	●●●	●	●	VINNAPAS® EP1133
VINNAPAS® EZ123		●●	●●		●●●	●●	●●	●		VINNAPAS® EZ123
VINNOL® Vinyl Chloride Terpolymer Dispersions										
VINNOL® CE35		●●●	●	●●●	●●●	●●		●●	●●●	VINNOL® CE35
VINNAPAS® Dispersible Polymers										
VINNAPAS® EP907		●●●	●●		●●	●●	●	●		VINNAPAS® EP907

¹ These figures are only intended as a guide and should not be used in preparing specifications.

² VAc = Vinyl acetate
E = Ethylene
VC = Vinyl chloride

³ PVOH = Poly(vinyl alcohol)
OS = Surface active agents
C = Cellulose derivative

●●● Very well suited
●● Well suited
● Suitable

WACKER

Wacker Chemical Corporation

6870 Tilghman Street
Allentown, PA 18106-9346
United States
Tel. +1 610 336-2700
info.usa@wacker.com

www.wacker.com

www.wacker.com/socialmedia



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