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Plywood、 paper and general adhesive

Type	Grade	Appearance	Solid Content	Viscosity (cps)	pH value	Tg °C	MFT °C
Homo-polyvinyl acetate emulsion	AE-1000	Milky White	>46.5	50~80 x 10 ⁴	4~6	10~12	7~8
	AE-100H	Milky White	>46.0	15~20 x 10 ⁴	4~6	27~29	17~18
	AE-100W	Milky White	>43.5	1.0~2.0 x 10 ⁴	4~6	10~12	7~8
	AE-4040	Milky White	>43.5	2.5~3.5 x 10 ³	4~6	27~29	17~18
	AE-4157	Milky White	>46.0	15~20 x 10 ⁴	4~6	8~12	2~5
	AE-5040	Milky White	>48.5	2.5~4.0 x 10 ³	4~6	10~12	7~8
	AE-150	Milky White	>48.5	1.2~1.7 x 10 ⁴	4~6	10~12	7~8
	AE-150F	Milky White	>48.5	6.0~9.0 x 10 ³	4~6	10~12	7~8
	AE-150H	Milky White	>48.5	3.5~4.5 x 10 ⁴	4~6	10~12	7~8
	AE-350H	Milky White	>33.5	15~20 x 10 ⁴	4~6	7~9	3~5
AE-410H	Milky White	>38.5	30~40 x 10 ⁴	4~6	10~12	7~8	

(Solid content) : wt % , 120°C x 1hr (viscosity) : Brookfield,LVT,#4,30°C

Characteristics	Application
High viscosity , Excellent bonding strength.	All kind of timber product, Cork formation.
High viscosity , Strong adhesion at initial stage.	Paper, wood and carton products.
Excellent bonding strength, easy to handle.	
Excellent bonding strength, easy to handle.	
Excellent bonding strength, good stability.	Paper, wood and carton products (winter) .
High solid, easy to handle.	Fast adhesive, Paper and wood adhesive
Low viscosity, good adhesion.	Paper , wood and plywood paper over-lay adhesion.
Low viscosity , suitable for high speed operation, good adhesion.	
High viscosity, good adhesion.	
High viscosity low solid content, no water is required on applying.	All kind of paper and timber product adhesive.
Strong adhesion at initial stage and easy to handle.	

All information is typical physical properties for reference only

Type	Grade	Appearance	Solid Content	Viscosity (cps)	pH value	Tg °C	MFT °C
Homo-polyvinyl acetate emulsion	AE-950	Milky White	>48.5	25~35 x 10 ⁴	4~6	10~12	7~8
	AE-950H	Milky White	>46.5	60~100 x 10 ⁴	4~6	10~12	7~8
	AE-950S	Milky White	>47.5	25~35 x 10 ⁴	4~6	8~12	2~5
	AE-950A	Milky White	>48.5	6.0~9.0x10 ⁴	4~6	10~12	7~8
	AE-600	Milky White	>58.5	5.0~8.0 x 10 ⁴	4~6	10~12	7~8
	AE-600F	Milky White	>58.5	2.0~4.0 x 10 ⁴	4~6	10~12	7~8
	AE-600S	Milky White	>58.5	5.0~8.0 x 10 ⁴	4~6	8~12	2~5
	AE-5300	Milky White	>47.5	25~35 x 10 ⁴	4~6	10~12	7~8
	AE-450	Milky White	>42.5	25~35 x 10 ⁴	4~6	10~12	7~8
	AE-450H	Milky White	>42.5	30~40 x 10 ⁴	4~6	10~12	7~8
	AE-6046	Milky White	>55.0	@ 5.5~6.5x10 ³	4~6	27~29	17~18

(Solid content) : wt % , 120°C x 1hr

(viscosity) : Brookfield,LVT,#4,30°C

@ : Brookfield,RVT,#4,27°C

Characteristics	Application
High solid content, strong adhesion and easy to handle.	Furniture, wood and cloth adhesive.
High viscosity, strong adhesion and easy to handle.	
High solid content, soft film, low temperature working.	
Good adhesion and workability	
High solid content, strong adhesion at initial stage, shot dry time.	
Good workability, strong adhesion at initial stage, shot dry time.	
High solid content, soft film, low temperature working.	
High solid content, strong adhesion and easy to handle.	
Good adhesion, compatible with urea glue	General adhesive, blending with urea glue.
High viscosity, alkali resistance	Mixing with SBR latex for general adhesion.
High solid content, fast dry time	Wood adhesive, cloth lamination

All information is typical physical properties for reference only

Paper tube、paper board、paper cone and corrugated paper adhesive

Type	Grade	Appearance	Solid Content	Viscosity (cps)	pH value	Tg °C	MFT °C
Homo-polyvinyl acetate emulsion	AE-2071	Milky White	>27.5	0.5~1.0 x 10 ⁴	4~6	12~15	7~8
	AE-2251	Milky White	>33.5	25~35 x10 ⁴	4~6	12~15	7~8
	AE-2351	Milky White	>33.5	25~35 x10 ⁴	4~6	12~15	7~8
	AE-3010	Milky White	>38.5	2.5~4.0 x 10 ³	4~6	16~35	7~18
	AE-3010L	Milky White	>35.0	2.5~4.0 x 10 ³	4~6	16~35	7~18
	AE-3090	Milky White	>38.5	0.8~1.0 x 10 ⁴	4~6	16~35	7~18
	AE-3090L	Milky White	>35.0	0.8~1.0 x 10 ⁴	4~6	16~35	7~18
	AE-5020L	Milky White	>48.5	2.0~8.0 x 10 ³	4~6	16~35	7~18
	AE-5020H	Milky White	>48.5	2.0~4.0 x 10 ⁴	4~6	16~35	7~18
	AE-5004	Milky White	>49.0	@3.6~4.5x10 ⁴	4~6	10~12	7~8

(Solid content) : wt % , 120°C x 1hr

(viscosity) : Brookfield,LVT,#4,30°C

@ : Brookfield,RVT,#6,30°C

Characteristics	Application
Low solid content, excellent solubility with water and initial adhesive.	Manufacture of paper tube include POY, FOY, DTY and corrugated paper, compatible with clay.
High viscosity, excellent solubility with water and initial adhesive.	
High viscosity, excellent solubility with water and initial adhesive.	
Low viscosity, hard film, high Tg.	
Low viscosity, hard film, high Tg.	
Excellent solubility with water and initial adhesive, hard film.	
Hard film, excellent solubility with water, good workability.	
High solid content, excellent solubility with water, hard film.	
High solid content and viscosity, excellent solubility with water.	
High solid content and viscosity, mixing with PVA (aq) .	

All information is typical physical properties for reference only

Modify vinyl acetate-ethylene copolymer emulsion

(Solid content) : wt % , 120°C x 1hr

Type	Grade	Appearance	Solid Content	Viscosity (cps)	pH value	Tg °C	MFT °C
Vinyl acetate - ethylene copolymer emulsion	AE-501	Milky White	>53.5	@2.5~4.5 x10 ³	4.5~6.5	0	
	AE-502	Milky White	>55.0	@1.5~2.5 x10 ³	4.5~6.5	0	
	AE-103H	Milky White	>60.0	@3.0~5.0 x10 ³	4~6	0	
	AE-505	Milky White	>48.5	10~15 x 10 ⁴	4~6	0	
	AE-506	Milky White	>46.5	1.1~1.7 x 10 ⁴	4~6	0	
	AE-507	Milky White	>53.5	8.0~10 x 10 ³	4~6	0	
	AE-508	Milky White	>53.5	65~75 x 10 ⁴	4~6	0	
	AE-509	Milky White	>53.5	6.0~8.0 x 10 ³	4~6	0	
	AE-519	Milky White	>53.5	1.5~1.8 x 10 ⁴	4~6	0	
	AE-520	Milky White	>58.5	6.0~7.0 x 10 ⁴	4~6	0	
AE-521	Milky White	>50	@3.0~4.5 x10 ²	4~6	0		

(viscosity) : Brookfield,LVT,#4,30°C

@ : Brookfield,LVT,#4,25°C

Characteristics	Application
Internal plasticization, good adhesion and alkali resistance.	General adhesive , reinforce cement , suitable for bond variety of materials including PVC , synthetic foam and nylon/polyester fabric.
Internal plasticization, good adhesion and alkali resistance.	
Internal plasticization, good adhesion and alkali resistance.	
Solvent thickening response, excellent adhesive for PVC sheet.	PVC sheet/plywood lamination、 plastic board, suitable for bond variety of materials including PVC、 synthetic foam and paper.

All information is typical physical properties for reference only

Type	Grade	Appearance	Solid Content	Viscosity (cps)	pH value	Tg °C	MFT °C
Vinyl acetate - ethylene copolymer emulsion	AE-602	Milky White	>54.0	@2.5~3.5 x 10 ⁴	4~6	0	
	AE-603	Milky White	>54.0	@4.2~5.8 x10 ⁴	4~6	0	
	AE-612	Milky White	>54.5	@2.5~3.5 x10 ⁴	4~6	0	
	AE-560	Milky White	>57.5	30~70 x 10 ⁴	4~6	0	
	AE-560L	Milky White	>58.5	30~60 x 10 ⁴	4~6	0	

Special adhesive

(Solid content) : wt % , 120°C x 1hr

Type	Grade	Appearance	Solid Content	Viscosity (cps)	pH value	Tg °C	MFT °C
Special vinyl acetate copolymer emulsion	AE-6987	Milky White	>29.0	@6.5~7.5 x 10 ³	5.5~7.5	-35	
	AE-562	Milky White	>50.0	2.0~4.0 x 10 ³	4~6	0	
	AE-6030S	Milky White	>50.0	0.6~4.0 x 10 ⁴	4~6	35~37	17~19

(viscosity) : Brookfield,LVT,#4,30°C

@ : Brookfield,LVT,#4,25°C

Characteristics	Application
Solvent thickening response, excellent adhesive for PVC sheet.	PVC sheet/plywood lamination, plastic board, suitable for bond variety of materials including PVC, synthetic foam and paper.
Non-solvent thickening response, satisfied VOC require.	
Low solvent content, satisfied VOC require.	

Characteristics	Application
Non-solvent, good adhesion and hand – feeling	Textile and carpet backing etc
Non-solvent, low Tg, good PSA	Suitable OPP/paper and general adhesion
One pot water and heat resistance	Suitable water resistance adhesion

All information is typical physical properties for reference only

Vinyl acetate homo/co polymer emulsion for paints

(Solid content) : wt % , 120°C x 1hr

Type	Grade	Appearance	Solid Content	Viscosity (cps)	pH value	Tg °C	MFT °C
Homo-polyvinyl acetate emulsion	PE-5120	Milky White	>48.0	1.2~1.4 x 10 ⁴	4~6	10~11	4~5
	PE-2070	Milky White	>43.5	2.5~4.0 x 10 ⁴	4~6	10~11	4~5
	PE-5250	Milky White	>48.5	25~40 x 10 ⁴	4~6	10~11	4~5
	PE-740	Milky White	>41.5	3.0~5.0 x 10 ⁴	4~6	10~11	4~5
polyvinyl acetate copolymer emulsion	TM-200	Milky White	>52.5	2.0~3.0 x 10 ³	4~6	10~11	4~5
	TM-6200	Milky White	>54.5	2.0~3.0 x 10 ³	4~6	10~11	4~5
	TM-6300	Milky White	>53.5	2.0~3.0 x 10 ³	4~6	10~11	4~5
	TM-7300	Milky White	>56.5	2.0~3.0 x 10 ³	4~6	10~11	4~5
	TM-6208	Milky White	>53.5	2.0~3.0 x 10 ³	4~6	10~11	4~5
	TM-8208	Milky White	>56.0	2.0~3.0 x 10 ³	4~6	10~11	4~5

(viscosity) : Brookfield,LVT,#4,30°C

Characteristics	Application
Alkali resistance , excellent compatible CaCO ₃ and pigment Dispersion ,	Interior water-base paint, sealing agent, flat masonry paint.
Gloss, alkali and water resistance, excellent pigment dispersion	Interior gloss or semi-gloss masonry paint.
Veova-VAM copolymer, gloss, alkali and water resistance, excellent pigment dispersion	

All information is typical physical properties for reference only

Resin emulsion for textile industry

(Solid content) : wt % , 120°C x 1hr

Type	Grade	Appearance	Solid Content	Viscosity (cps)	pH value	Tg °C	MFT °C
Homo-polyvinyl acetate emulsion	AE-3016	Milky White	>39.5	1.0~5.0 x 10 ²	4~6	28~30	16~18
	AE-3036	Milky White	>38.5	2.5~4.0 x 10 ³	4~6	28~30	16~18
	AE-3306	Milky White	>38.5	30~35 x10 ⁴	4~6	28~30	16~18
	AE-3046	Milky White	>38.5	3.0~5.0 x10 ⁴	4~6	28~30	16~18
	AE-300	Milky White	>47.5	2.0~4.0 x 10 ⁴	4~6	28~30	16~18
	AE-3066	Milky White	>37.5	5.5~7.5 x 10 ⁴	4~6	28~30	16~18
	AE-4066	Milky White	>43.5	6.0~10 x 10 ⁴	4~6	28~30	16~18
	AE-4166	Milky White	>47.0	1.0~1.5 x 10 ⁴	4~6	28~30	16~18
	AE-5020	Milky White	>46.5	3.0~5.0 x 10 ³	4~6	28~30	16~18
	AE-5066	Milky White	>50.0	5.0~7.0 x 10 ³	4~6	28~30	16~18
	AE-5256	Milky White	>48.5	20~30 x 10 ⁴	4~6	28~30	16~18

(viscosity) : Brookfield,LVT,#4,30°C

All information is typical physical properties for reference only

Characteristics	Application
Stiffness ,hard film, excellent solubility with water, compatible with starch, dextrin.	Back-sizing binder for fabric, textile finish, binder for coconut matting, hand-feeling modifying, reinforced for fabric