



Celanese Emulsions for Nonwovens, Paper Specialties & Textiles

GUIDE FOR EUROPE

Celanese Emulsions for Nonwovens

Emulsions	Dispersion properties						Typical applications									Critical quality requirements					Emulsions	
	Solids [%]	Viscosity [mPa-s]	Tg [°C]	Polymer Handle	pH	Stabilization	Absorbent Hygiene	Wipes Personal Care	Wipes Household	Table Top/ Dry Wipes	Technical & Automotive	Medical & Surgical	Inter-linings	Wall-covering	Filtration	Absorbency	Hydrophobicity	Tensile Strength Dry/Wet	Wash and Dry Clean Resistance	Thermal Mouldable		Heat Sealability
Acrylic																						Acrylic
Vinacryl® 4333	39-41	20-300	-15	very soft	6.5-7.5	S						•					•	•	•			Vinacryl® 4333
PVAc-Acrylic																						PVAc-Acrylic
Vinacryl® 4378	49-51	30-300	-3	soft	4.0-6.0	S					•			•				•		•		Vinacryl® 4378
VAE																						VAE
Mowilith® LDM 1531	49-51	200-600	-16	very soft	4.0-5.0	S		•		•		•		•			•	•			•	Mowilith® LDM 1531
Vinamul® Elite 15	54-56	50-1000	+11	firm	4.0-5.0	S	•	•	•	•	•	•	•	•	•	•	•	•	•			Vinamul® Elite 15
Vinamul® Elite 20	49-51	50-1000	+3	soft	4.0-5.0	S	•	•	•	•		•		•	•			•				Vinamul® Elite 20
Vinamul® Elite 25	54-56	50-1000	+2	soft	4.0-5.0	S	•	•	•	•	•	•	•	•	•	•	•	•	•			Vinamul® Elite 25
Vinamul® 3231	49-51	50-400	-2	soft	4.5-6.0	S			•		•		•	•	•		•	•	•	•	•	Vinamul® 3231

S = Surfactant, C = Colloid, PVOH = Polyvinyl Alcohol

Paper & Textile applications

Emulsions	Dispersion properties						Typical applications										Critical quality requirements							Emulsions	
	Solids [%]	Viscosity [mPa-s]	Tg [°C]	Polymer Handle	pH	Stabilization	Paper Saturation	Paper Coating	Wall Covering	Special Paper Coatings	Medical Paper	Carpets	Textile Finishing	Textile Coating	Pigment Printing	Textile Lamination	Wet Abrasion Resistance	Porosity	Whiteness	Wash and Dry Clean Resistance	Fray Resistance	Heat Sealability	Thermoformable		Electrolyte Stability
Acrylic																									
Vinacryl® 4333	39-41	20-300	-15	very soft	6.5-7.5	S	●	●		●	●			●		●	●		●	●		●	●		Vinacryl® 4333
PVAc																									
Vinamul® 8482	54-56	2500-4500	+41	very firm	4.0-5.0	PVOH	●		●			●													Vinamul® 8482
VAE																									
Mowilith® LDM 1531	49-51	200-600	-16	very soft	4.0-5.0	S	●		●				●	●	●	●				●	●				Mowilith® LDM 1531
Mowilith® PE 292 S	52-54	< 1000	+5	soft	6.0-8.0	S	●	●	●									●	●						Mowilith® PE 292 S
Vinamul® 3231	49-51	50-400	-2	soft	4.5-6.0	S	●				●	●	●	●	●	●			●	●	●			●	Vinamul® 3231
Vinamul® Elite 15	54-56	50-1000	+11	firm	4.0-5.0	S	●					●	●	●	●	●			●					●	Vinamul® Elite 15
Vinamul® 3000	54-56	2000-2800	+5	soft	4.0-5.0	PVOH	●	●	●															●	Vinamul® 3000
Vinamul® 3265	54-56.5	3000-4000	+11	firm	4.0-5.0	PVOH	●	●	●															●	Vinamul® 3265
Vinamul® 3910	49-51	200-800	+30	very firm	4.0-5.0	S/PVOH					●										●			●	Vinamul® 3910
Vinamul® 3950	61.5-63.5	400-1200	+22	firm	4.0-6.0	S/PVOH					●										●	●	●	●	Vinamul® 3950

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EMULSION POLYMERS

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