



# **Celanese Emulsions for Nonwovens, Paper Specialties & Textiles**

GUIDE FOR EUROPE

# Celanese Emulsions for Nonwovens

Dispersion properties							Typical applications									Critical quality requirements					Emulsions	
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	Emulsions
<b>Acrylic Emulsion</b>																						<b>Acrylic Emulsion</b>
Vinacryl® 4333	39-41	20-300	-15	very soft	6.5-7.5	S						•					•	•	•			Vinacryl® 4333
<b>VA-Acrylic</b>																						<b>VA-Acrylic</b>
Vinacryl® 4378	49-51	30-300	-3	soft	4.0-6.0	S					•			•				•		•	•	Vinacryl® 4378
<b>VAE</b>																						<b>VAE</b>
Mowilith® LDM 1531	49-51	200-600	-16	very soft	4.0-5.0	SC		•		•		•		•			•	•			•	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

Dispersion properties							Typical applications										Critical quality requirements							Emulsions						
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	Emulsions					
<b>Acrylic Emulsion</b>							<b>Acrylic Emulsion</b>																							
Vinacryl® 4333	39-41	20-300	-15	very soft	6.5-7.5	S	●	●		●	●			●		●	●		●	●		●	●		Vinacryl® 4333					
<b>PVAc</b>							<b>PVAc</b>																							
Vinamul® 8482	54-56	2500-4500	+42	firm	4.0-5.0	PVOH						●												●	Vinamul® 8482					
<b>VAE</b>							<b>VAE</b>																							
Mowilith® LDM 1531	49-51	200-600	-17	very soft	4.0-5.0	S	●		●	●			●	●	●					●	●			●	Mowilith® LDM 1531					
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					
BriteCoat® 2755	50-52	< 1000	+12	firm	6.0-7.0	S	●	●	●	●						●		●							BriteCoat® 2755					
Vinamul® 3000	54-56	2000-2800	+7	firm	4.0-5.0	PVOH	●	●	●							●								●	Vinamul® 3000					
Vinamul® 3265	54-56.5	3000-4000	+12	firm	4.0-5.0	PVOH	●	●	●	●						●								●	Vinamul® 3265					
Vinamul® 3910	49-51	200-800	+30	stiff	4.0-5.0	S/PVOH				●		●				●					●			●	Vinamul® 3910					
Vinamul® 3928	59-61	400-1500	+10	firm	4.0-6.0	S/PVOH				●		●				●					●			●	Vinamul® 3928					
Vinamul® 3950	61.5-63.5	400-1200	+22	stiff	4.0-6.0	S/PVOH						●									●			●	Vinamul® 3950					

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



## EMULSION POLYMERS

celanese.com

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### Contact information

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