

Product Information

	Properties						Adhesion to Aluminum			Adhesion to PET			Sealable versus				
	Solvent	Solid Content [%]	Viscosity Number [cm ³ /g]	Dynamic Viscosity [mPa·s]	Dilutability ^{1) 3)} Solubility ^{2) 3)}	Glass Transition Temperature (T _g) [°C]	Direct	Primered with PVC ⁵⁾	In formulation with PVC	Direct	Primered with PES ⁶⁾	Formulation with PVC required ⁷⁾	PVC	PS	PP	PET	PLA
Bead Polymer																	
P 24	-	100	55	450 ⁴⁾	E, K	43		●	●		●	●	●	●			
VP P 34	-	100	55	450 ⁴⁾	E, K	46	●						●	●			
Organic Solution																	
4792 L	Methyl ethyl ketone	53 - 57	40	1.500 - 4.000	E, K	48		●	●		●	●	●	●			
4793 L	Ethyl acetate	53 - 57	40	1.500 - 4.000	E, K	48		●	●		●	●	●	●			
Organic Dispersion																	
PM 555	n-Butyl acetate/ Methyl ethyl ketone 70/30	44 - 46	163	500 - 1.500	E, K	-48, 29		●	●		●		●	●	●	●	
VP 4220 E	n-Butyl acetate/ Methyl ethyl ketone 70/30	44 - 46	117	500 - 2.500	E, K	-52, 43		●	●		●		●	●	●	●	
4150 E	n-Propyl acetate/ Ethyl acetate/Isooctane 54/36.5/9.5	42 - 44	147	800 - 2.500	E, K	-48, 33		●	●		●		●	●	●	●	
VP 4250 E	n-Propyl acetate/Ethyl acetate/Isooctane 52/39/9	44 - 46	144	800 - 3.500	E, K	-55, 45		●	●		●		●	●	●	●	
VP 4190 E	n-Propyl acetate/Ethyl acetate/Cyclohexane 60/37/3	43 - 45	157	500 - 2.000	E, K	-50, 34		●	●		●		●	●	●	●	
PM 666	n-Butyl acetate/ Methyl ethyl ketone 70/30	44 - 46	157	1.000 - 3.500	E, K	-51, 29	●				●		●	●	●	●	
VP 4221 E	n-Butyl acetate/ Methyl ethyl ketone 70/30	44 - 46	126	1.000 - 4.000	E, K	-52, 32	●				●		●	●	●	●	
4151 E	n-Propyl acetate/ Ethyl acetate/Isooctane 47.8/43.8/8.4	39 - 42	142	500 - 2.000	E, K	-51, 30	●				●		●	●	●	●	
VP 4251 E	n-Propyl acetate/Ethyl acetate/Isooctane 53/38/9	44 - 46	142	1.000 - 4.000	E, K	-51, 44	●				●		●	●	●	●	
VP 4311 E	n-Propyl acetate	44 - 46	64	500 - 3.000	E, K	-59, 30, 60	●				●		●	●		●	●
VP 4322 E	n-Propyl acetate/ Methyl ethyl ketone 75/25	39 - 41	48	1.500 - 8.000	E, K	57	●				●		●	●		●	●
4174 E	n-Propyl acetate/ Ethyl acetate/Isooctane 49/42.5/8.5	46 - 48	171	1.000 - 3.500	E, K	-48, 33	●				●		●	●	●	●	●
VP 4294 E	n-Propyl acetate/Ethyl acetate/ n-Heptane/ tert-Butyl acetate 64/26/5/5	50 - 53	136	800 - 3.500	E, K	-52, 43	●				●		●	●	●	●	●
Aqueous Dispersion																	
VP 4240 D	Water	49,5 - 52	not determined	100 - 500	W	15, 49	●						●	●			●

¹⁾ for dispersions and solutions
²⁾ for solids

³⁾ E = Esters, K = Ketones, W = Water
⁴⁾ 40% in MEK

⁵⁾ PVC adhesion promoter like Vinnol® terpolymer grade from e.g. Wacker Chemie AG, Burghausen, Germany
⁶⁾ Polyester like Dynapol® L 206 oder L 208 from Evonik Resource Efficiency GmbH, Marl, Germany