

## Product Information

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

<sup>1)</sup> for dispersions and solutions  
<sup>2)</sup> for solids

<sup>3)</sup> E = Esters, K = Ketones, W = Water  
<sup>4)</sup> 40% in MEK

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