

## Selection table for PSA - dispersions of permanent stickiness

Item/Performance	homacryl 526C	homacryl 570 C	homacryl 562 C	homacryl 563 C	homacryl 564A	homacryl 565C	homacryl 566C	homacryl 540 Z <sup>1</sup>	homacryl 541 Z <sup>2</sup>	homacryl 542 Z <sup>3</sup>	homacryl 525 Z
Summary	Dispersion is recommended to form adhesive layer when adhesive tape manufacturing		Dispersion is recommended to form adhesive layer when pressure sensitive adhesive material manufacturing					Dispersion is recommended to form adhesive layer when protective film manufacturing			
Adhesive tapes on paper base	■	■									
Adhesive tapes on BOPP base	■	■									
Pressure sensitive adhesive materials for vibro- and sound insulation			■	■	■	■					
Floor-covering fixing adhesives							■				
Labels			■	■							
Paper bag adhesives							■				
Non-removable protecting films											■
Protective films for smooth PVC-plastics										■	
Protective films for texturized PVC-plastics								■			
Protective films for metal surfaces								■	■	■	
Protective films for painted surfaces								■	■	■	
Protective films for glass surfaces								■	■	■	
Component(s)	1K	1K	1K	1K	1K	1K	1K	2K	2K	1K/2K	1K
Polymer Type	A	A	VA-A	VA-A	A	A	A	A	A	A	A
Solids content, % w	52 ± 1	60 ± 1	58±2	52±1	58±2	53±1	52±1	51 ± 1	51 ± 1	51 ± 1	52 ± 1
pH	7 - 8	5 - 6	5-7	7-8	7,5-8,5	6-8	6-8	7,0-8,0	6,5-8,0	6,0-8,0	7,0-8,0
Brookfield viscosity dynamic R2/20, mPa*s	100-400	200-500	200-1000	800-1800	1000-1400	1600-5000	900-4000	200 - 500	150-700	150 -400	100-400
Particle size, um	0,15 - 0,3	0,15 - 0,3	0,15 - 0,3	0,15 - 0,3	0,15 - 0,3	0,15 - 0,3	0,15 - 0,3	0,15 - 0,3	0,15 - 0,3	0,15 - 0,3	0,15 - 0,3
T-peel strength from steel	330 N/m <sup>4</sup>	240 N/m <sup>4</sup>	400-700 N/m <sup>4</sup>	320-600 N/m <sup>4</sup>	Н/М 280 N/m <sup>4</sup>	220-300 N/m <sup>4</sup>	300-500 N/m <sup>4</sup>	300-400 g/25mm <sup>5</sup>	200-300 g/25mm <sup>5</sup>	100-200 g/25mm <sup>5</sup>	400-500 g/25mm <sup>5</sup>
Wettability for siliconized surface, %	-	-	>95	>95	>95	>95	~5-10	-	-	-	-
Freezing resistance	No	No	No	No	No	No	No	No	No	No	No
Shelf life, months	6	6	6	6	6	6	6	6	6	6	6

<sup>1</sup>when using homacryl 540Z as adhesive layer at protective films manufacturing the addition of hardener homakoll 915 in amount of 2.0-3.0% (expressed as polymer weight) is obligatory.

<sup>2</sup>when using homacryl 541Z as adhesive layer at protective films manufacturing the addition of hardener homakoll 915 in amount of 1.0-1.5% (expressed as polymer weight) is obligatory.

<sup>3</sup>when using homacryl 542Z as adhesive layer at protective films manufacturing the addition of hardener homakoll 915 in amount of 0.3-0.9% (expressed as polymer weight)