[0177]

[Table 3]

	Acrylic polymer			Rubber latex							Tackifier							Oily-surface adhesive force [N/20 mm]		Non-Oily surface adhesive force [N/20 mm]
	(A)	(B)	(C)	Kind	IR-100K	LX-111K	LX-112	LX-110	2877A	LX-513	Kind	E-200NT	KE-802	SK-323NS	R-1050	LP-915	NS-100H			
				Degree of swelling [%]	175	237	156	156	142	110	Type	terpene	polymerized rosin ester	polymerized rosin ester terpene	terpene	petroleum resin/ rosin ester	rosin ester			
				Tanδ peak temperature	-53℃	-70℃ or less	-40℃	-40℃	-26℃	-29℃	Softening point	150℃	170℃	125℃	105℃	100℃	100℃	30 min	2 hr	30 min
Ex.1	70				30							20						3.8	7.7	14.0
Ex. 2	70					30						20						2.6	8.2	16.8
Ex. 3	70						30					20						2.9	5.1	14.9
Ex. 4	70							30				12		18				3.5	10.4	10.2
Ex. 5	70								30			20						2.0	5.1	15.6
Ex. 6	70				30							21			18			4.4	6.6	13.6
Ex. 7	50				50							10			30			7.2	6.0	10.6
Ex. 8	70			Amount		30					Amount	12				18		3.0	7.3	11.4
Ex. 9		70			30							12			18			2.5	4.6	11.1
Ex. 10			70		30								14				7	6.6	7.3	16.0
Ex. 11			70				30						14		18		7	7.3	13.5	19.9
Ex. 12			70		30										18			2.7	3.5	12.8
Ex. 13	40				60							20						4.8	8.3	14.1
Ex. 14	20				80							20						6.8	8.6	13.5

(continued)

	Acrylic polymer			Rubber latex							Tackifier							Oily-surface adhesive force [N/20 mm]		Non-Oily surface adhesive force [N/20 mm]
	(A)	(B)	(C)	Kind	IR-100K	LX-111K	LX-112	LX-110	2877A	LX-513	Kind	E-200NT	KE-802	SK-323NS	R-1050	LP-915	NS-100H			
				Degree of swelling [%]	175	237	156	156	142	110	Type	terpene	polymerized rosin ester	polymerized rosin ester terpene	terpene	petroleum resin/ rosin ester	rosin ester			
				Tanδ peak temperature	-53°C	-70°C or less	-40°C	-40°C	-26°C	-29°C	Softening point	150°C	170°C	125°C	105°C	100°C	100°C	30 min	2 hr	30 min
Comp. Ex. 1	100			Amount	-	-	-		-	-	Amount	-			-			0.0	0.0	7.9
Comp. Ex. 2	100				-	-	-		-	-		20			-			1.0	1.7	14.3
Comp. Ex. 3		100			-	-	-		-	-		-			-			0.0	0.0	8.1
Comp. Ex. 4		100			-	-	-		-	-		30			-			0.6	6.2	14.3
Comp. Ex. 5	70				30	-	-		-	-		-			-			0.5	1.1	7.4
Comp. Ex.6	70					30						-			-			0.1	0.3	7.5
Comp. Ex. 7	70						30					-			-			0.1	0.4	8.2
Comp. Ex.8	70								30			-			-			0.1	0.6	7.8
Comp. Ex.9	70									30		20			-			0.4	2.4	16.0
Comp. Ex. 10					100							20						3.2	4.0	9.3

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	Acrylic polymer			Rubber latex							Tackifier							Oily-surface adhesive force [N/20 mm]		Non-Oily surface adhesive force [N/20 mm]
	(A)	(B)	(C)	Kind	IR-100K	LX-111K	LX-112	LX-110	2877A	LX-513	Kind	E-200NT	KE-802	SK-323NS	R-1050	LP-915	NS-100H			
				Degree of swelling [%]	175	237	156	156	142	110	Type	terpene	polymerized rosin ester	polymerized rosin ester terpene	terpene	petroleum resin/ rosin ester	rosin ester			
				Tanδ peak temperature	-53°C	-70°C or less	-40°C	-40°C	-26°C	-29°C	Softening point	150°C	170°C	125°C	105°C	100°C	100°C	30 min	2 hr	30 min
Ex.1	70			Amount	30						Amount	20						3.8	7.7	14.0
Ex. 2	70					30						20						2.6	8.2	16.8
Ex. 3	70						30					20						2.9	5.1	14.9
Ex. 4	70							30				12		18				3.5	10.4	10.2
Ex. 5	70								30			20						2.0	5.1	15.6
Ex. 6	70				30							21			18			4.4	6.6	13.6
Ex. 7	50				50							10			30			7.2	6.0	10.6
Ex. 8	70					30						12				18		3.0	7.3	11.4
Ex. 9		70			30							12			18			2.5	4.6	11.1
Ex. 10			70		30								14				7	6.6	7.3	16.0
Ex. 11			70				30						14		18		7	7.3	13.5	19.9
Ex. 12			70		30										18			2.7	3.5	12.8
Ex. 13	40				60							20						4.8	8.3	14.1
Ex. 14	20				80							20						6.8	8.6	13.5

(continued)

	Acrylic polymer			Rubber latex							Tackifier							Oily-surface adhesive force [N/20 mm]		Non-Oily surface adhesive force [N/20 mm]
	(A)	(B)	(C)	Kind	IR-100K	LX-111K	LX-112	LX-110	2877A	LX-513	Kind	E-200NT	KE-802	SK-323NS	R-1050	LP-915	NS-100H			
				Degree of swelling [%]	175	237	156	156	142	110	Type	terpene	polymerized rosin ester	polymerized rosin ester terpene	terpene	petroleum resin/ rosin ester	rosin ester			
				Tanδ peak temperature	-53°C	-70°C or less	-40°C	-40°C	-26°C	-29°C	Softening point	150°C	170°C	125°C	105°C	100°C	100°C	30 min	2 hr	30 min
Comp. Ex. 1	100			Amount	-	-	-		-	-	Amount	-			-			0.0	0.0	7.9
Comp. Ex. 2	100				-	-	-		-	-		20			-			1.0	1.7	14.3
Comp. Ex. 3		100			-	-	-		-	-		-			-			0.0	0.0	8.1
Comp. Ex. 4		100			-	-	-		-	-		30			-			0.6	6.2	14.3
Comp. Ex. 5	70				30	-	-		-	-		-			-			0.5	1.1	7.4
Comp. Ex.6	70					30						-			-			0.1	0.3	7.5
Comp. Ex. 7	70						30					-			-			0.1	0.4	8.2
Comp. Ex.8	70								30			-			-			0.1	0.6	7.8
Comp. Ex.9	70									30		20			-			0.4	2.4	16.0
Comp. Ex. 10					100							20						3.2	4.0	9.3