

General Characteristics

● Addition-cure type

		High strength addition-cure type						
Product		KE-1300T	KE-1310ST		KE-1310T	KE-1314-2		KE-1316
Before curing	Appearance	Translucent	Translucent		Translucent	Translucent		Translucent
	Viscosity (Pa·s)	95	75		70	75		35
	Curing agent Standard added amount	CAT-1300 10.0%	CAT-1310S 10.0% ^{*3}	CAT-1310L 10.0%	CX-32-1649 10.0%	CAT-1314S 10.0% ^{*3}	CAT-1314L 10.0%	CAT-1316 10.0% ^{*4}
	Finger touch method: 23°C (min.)	90	80	330	480	90	570	60
	Standard curing time (hours/°C) ^{*2}	24/23	24/23	—	24/23	24/23	—	24/23
	Curing inhibition	Yes	Yes	Yes	Yes	Yes	Yes	Yes

After curing	Time to make test piece (hours/°C)	2/60	2/60	4/60	2/60	2/60	4/60	2/60
	Appearance	Translucent	Translucent	Translucent	Translucent	Translucent	Translucent	Translucent
	Density (23°C)	1.09	1.08	1.08	1.08	1.08	1.08	1.13
	Hardness (durometer A)	40	40	40	40	40	40	23
	Tensile strength (MPa)	5.0	5.5	5.7	5.5	5.0	5.9	6.5
	Elongation (%)	400	350	320	350	350	350	700
	Tear strength (kN/m)	17	25	26	21	25	25	33
	Linear shrinkage (%) ^{*3}	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Special characteristics		Improved urethane resistance		Improved epoxy resistance	Oil bleed		Low hardness

*1 The workable time of RTV rubbers indicates how long the material will remain fluid at 23 °C. However, work should be carried out in the shortest possible time because viscosity increases with time.

*2 Standard curing time will vary depending on the size of the cured item.

*3 For KE-1310ST and KE-1314-2, we offer a special curing agent used to adjust cure speed and hardness.

*4 For KE-1316, we offer a special curing agent used to adjust hardness and cure speed and impart adhesiveness.

*5 KE-1800: Hardness can be increased to 70 by performing an aging process (150 °C×30 min) after the standard cure time elapses.

*6 KE-1241: Hardness measured by Asker C hardness tester.

*7 For KE-1308, we offer a special curing agent used to adjust hardness.

*8 The hardness of KE-1308 is affected by cure temperature. To achieve the prescribed hardness, we recommend 120 °C×30 min.

*9 KE-1308: Hardness measured by Asker C hardness tester.