



## SILICONE MOLD MAKING

CONDENSATION CURE					PHYSICAL PROPERTIES & CURING INFORMATION								
Product	Color	Description	Pot Life Hrs.	Catalyst	Initial mixed Viscosity	Hardness Shore A	Tensile Strength (PSI)	Elong. %	Linear Shrink %	Tear (ppli)	Specific Gravity	Mix Ratio	Curing Hr/°C
KE1402	Pink	Low Durometer High Strength Inhibition resistant	1.5	CAT1402	600	25	600	400	0.4	120	1.1	10:1	24/25
SES412	White	Medium durometer Low viscosity General purpose	0.5	CAT RM	100	40	355	160	0.2	45	1.3	100:0.5	24/25
KE10	Off White	High durometer Low viscosity General purpose	1	CAT RA	300	55	480	150	0.1	45	1.15	100:2.5	24/25
Note: all Addition cure products can be heat accelerated if faster cure is desired Typical Cure: 1 hour at 85°C or 2 hours at 60°C													
ADDITION CURE													
Product	Color	Description	Pot Life Hrs.	Catalyst	Initial mixed Viscosity	Hardness Shore A	Tensile Strength (PSI)	Elong. %	Linear Shrink %	Tear (ppli)	Specific Gravity	Mix Ratio	Curing Hr/°C
KE1300T	Clear	Low Durometer High Strength	1.5	CAT1300-L3	1000	30	600	400	0.4	120	1.1	10:1	24/25
			1.5	CAT1300	1000	40	800	300	<0.1	125	1.11	10:1	24/25
KE1300	White	Low Durometer High Strength	1.5	CAT1300	1000	40	800	300	<0.1	125	1.11	10:1	24/25
KE1310ST	Clear	Premium Strength High Strength	0.5	CAT1310	840	40	850	340	<0.1	140	1.07	10:1	24/25
KE1310S	White	Premium strength Longest mold life	2	CAT1310	840	40	850	340	<0.1	140	1.07	10:1	24/25
KE1600	Off White	Medium durometer General purpose	2	CAT1300	1700	50	1000	200	<0.1	80	1.26	10:1	24/25
KE1604	Blue	High durometer General purpose	2	CAT1604	1000	60	1100	170	<0.1	95	1.26	10:1	24/25
KE1604	Off White	High durometer General purpose	2	CAT1604	1000	60	1100	170	<0.1	95	1.26	10:1	24/25

Note: All statements, technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed. No warranties of any kind are made except that materials supplied are TMI standard quality. All risk and liability arising from handling, storage and use of TMI products, as well as compliance with applicable legal restriction, rest with the buyer.