



Polyurethane Molding Compounds

TDEA00.5 Series Physical Properties

Product	Shore A Durometer	Wt. Mix ratio	Pot life Minutes	Demold time	Total Cure	Mixed Viscosity cps	Die C Tear pli	Tensile psi	Elongation %
TDEA30.5-11-M30	30	1:1	30	16 hrs.	7 days	<2000	100	274	>800%
TDEA35.5-11-M30	35	1:1	30	16 hrs.	7 days	<2000	107	500	>800%
TDEA40.5-11-M15	40	1:1	15	16 hrs.	7 days	<2000	111	555	740%
TDEA40.5-11-M25	40	1:1	25	16 hrs.	7 days	<2000	93	535	660%
TDEA45.5-11-M15	45	1:1	15	16 hrs.	7 days	<2000	108	630	475%
TDEA45.5-11-M25	45	1:1	25	16 hrs.	7 days	<2000	100	580	400%
TDEA45.5-11-M45	45	1:1	45	16 hrs.	7 days	<2000	125	570	>800%
TDEA50.5-11-M15	50	1:1	15	16 hrs.	7 days	<2000	145	950	600%
TDEA50.5-11-M20	50	1:1	20	16 hrs.	7 days	<2000	145	890	585%
TDEA50.5-11-M45	50	1:1	45	16 hrs.	7 days	<2000	120	660	540%
TDEA55.5-11-M15	55	1:1	15	16 hrs.	7 days	<2200	185	840	755%
TDEA55.5-11-M25	55	1:1	25	16 hrs.	7 days	<2200	195	830	705%
TDEA55.5-11-M40	55	1:1	40	16 hrs.	7 days	<2200	115	700	290%
TDEA60.5-11-M20	60	1:1	20	16 hrs.	7 days	<2500	195	1300	590%
TDEA60.5-11-M45	60	1:1	45	16 hrs.	7 days	<2500	145	845	450%
TDEA65.5-11-M40	65	1:1	40	16 hrs.	7 days	<2500	190	1340	512%
TDEA70.5-11-M25	70	1:1	25	16 hrs.	7 days	<3000	230	1470	520%
TDEA75.5-11-M20	75	1:1	20	16 hrs.	7 days	<3000	210	1890	300%
TDEA75.5-21-M25	75	2A:1B	25	16 hrs.	7 days	<4000	289	1555	760%
TDEA80.5-21-M20	80	2A:1B	20	16 hrs.	7 days	<5000	305	2200	550%
TDEA85.5-21-M15	85	2A:1B	15	16 hrs.	7 days	<2000	342	2575	430%

All products have negligible shrinkage but should be tested in any specific application and configuration. It is recommended that all products cure for 7 days at 77°F to reach final properties before use. Parts should be handled more carefully if used before 7 days.

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