

High Performance PTMEG-MDI Prepolymers

Product Code	Polyol Type	Hardness (Shore Durometer)	Tensile Strength (psi)	Ultimate Elongation (%)	Tear Resistance (Die-C, pli)	Split Tear Resistance (pli)	Taber Abrasion (mg loss)	Bashore Rebound (%)	Mixing Ratio (by weight)	Mixing Ration (by volume)	Pot life	Demolding Time	General Description
MGG-A70DQ	PTMEG	70 A	3800	900	350	200	3	65	100: 294	100: 352	2-1/2 min.	35 min.	High Performance. High Rebound. Hydrolytically Stable. Maybe good for: Roller skate wheels, Cruse Board Wheels, Bumpers, Bushings, Abrasion Resistant Liners and Parts
MGB-A80AQ	PTMEG	80 A	4000	750	450	250	8	68	100: 223	100: 264	2-1/2 min.	35 min.	High Performance. High Rebound. Hydrolytically Stable. Maybe good for: Roller skate wheels, Cruse Board Wheels, Bumpers, Bushings, Abrasion Resistant Liners and Parts
MGB-A90A	PTMEG	90 A	3610	840	560	134	35	62	1000: 89	1000: 94	2-1/2 min.	35 min.	High Performance. High Rebound. Hydrolytically Stable. Maybe good for: Roller skate wheels, Cruse Board Wheels, Bumpers, Bushings, Abrasion Resistant Liners and Parts
MGP-D50A	PTMEG	50 D	4100	250	610	225	30	ND	100: 12	100: 13	2-1/2 min.	30 min.	High Performance. Hydrolytically Stable. Skateboard wheels, hydrolytically stable bumpers/bushings, abrasion resistant liners and parts.
MGP-D60A	PTMEG	60 D	4197	368	789	435	ND	50	100: 40	100: 45	5 min.	50 min.	Hydrolytically stable bumpers/bushings, abrasion resistant liners and parts with some load-bearing capacity

Notice: All of the statements, recommendations, suggestions, and data concerning the subject material are based on our laboratory results, and although we believe the same to be reliable, we expressly do not represent, warrant, or guarantee the accuracy, completeness, or reliability of same, or the material or the results to be obtained from the use thereof, neither do we warrant that any such use, either alone or in combination with other materials, shall be free of the rightful claim of any third party by way of INFRINGEMENT or the like, and TANDEM PRODUCTS and NORTHSTAR POLYMERS DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE

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High Performance Ester-MDI Prepolymers

Product Code	Polyol Type	Hardness (Shore Durometer)	Tensile Strength (psi)	Ultimate Elongation (%)	Tear Resistance (Die-C, pli)	Split Tear Resistance (pli)	Taber Abrasion (mg loss)	Bashore Rebound (%)	Mixing Ratio (by weight)	Mixing Ration (by volume)	Pot life	Demolding Time	General Description
MSS-A70GQ	Ester	70 A	4200	800	300	160	12	ND	100: 222	100 233	2-1/2 min.	35 min.	Oil Resistant, Cut and Tear Resistance, Abrasion Resistant. Maybe good for: Gaskets, Bumper, Abrasion/Impact Resistant Liners and Parts
MSS-A80AQ	Ester	80 A	5000	900	600	350	15	ND	100: 198	100: 208	2-1/2 min.	35 min.	Oil Resistant, Cut and Tear Resistance, Abrasion Resistant. Maybe good for: Gaskets, Bumper, Abrasion/Impact Resistant Liners and Parts
MSS-A90A	Ester	90 A	4200	650	600	300	28	ND	1000: 83	1000: 97	2-1/2 min.	35 min.	Oil Resistant, Cut and Tear Resistance, Abrasion Resistant. Maybe good for: Gaskets, Bumper, Abrasion/Impact Resistant Liners and Parts

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