

MPC Solid Urethane

SHORE A

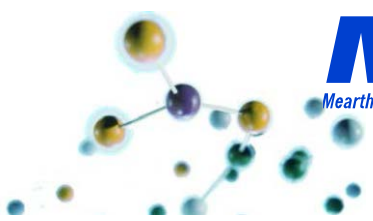
NAME	HARDNESS	BACKBONE	BACKBONE	MODULUS	ELONGATION	STRENGTH	COMPRESSION
	Shore A ¹	TDI	MDI	AT 100% (PSI) ²	% ²	DIE-C (PLI) ³	SET % ⁴
DS-210A	10 A	ESTER		35	575	45	3
DS-715A	15 A		ETHER	50	450	25	4
DS-720A	20 A		ETHER	55	420	30	5
DS-220A	20 A	ESTER		50	550	55	4
DS-230A	30 A	ESTER		95	650	90	5
DS-330A	30 A	ETHER		80	1100	85	5
DS-240A	40 A	ESTER		135	950	95	5
DS-340A	40 A	ETHER		110	990	90	7
DS-245A	45 A	ESTER		175	870	145	7
DS-250A	50 A	ESTER		215	850	175	8
DS-350A	50 A	ETHER		215	320	95	15
DS-260A	60 A	ESTER		275	920	200	13
DS-360A	60 A	ETHER		290	725	235	17
DS-660A	60 A		ESTER	200	650	390	10
DS-265A	65 A	ESTER		360	960	260	15
DS-270A	70 A	ESTER		430	955	300	19
DS-370A	70 A	ETHER		350	850	350	17
DS-670A	70 A		ESTER	470	530	420	24
DS-280A	80 A	ESTER		600	800	400	20
DS-380A	80 A	ETHER		690	550	425	25
DS-680A	80 A		ESTER	630	575	345	27
DS-285A	85 A	ESTER		580	550	500	28
DS-385A	85 A	ETHER		770	510	500	28
DS-685A	85 A		ESTER	730	570	520	35
DS-290A	90 A	ESTER		790	475	360	28
DS-390A	90 A	ETHER		985	425	350	29
DS-395A	95 A	ETHER		1665	350	345	29
DS-695A	95 A		ESTER	1660	510	710	38

¹ HARDNESS D2240, SHORE A

² ASTM D412

³ ASTM D624, DIE C

⁴ ASTM D395B @ 158F, 22 HRS



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SHORE D

NAME	HARDNESS	BACKBONE	BACKBONE	MODULUS	ELONGATION	STRENGTH	COMPRESSION
	Shore D ¹	TDI	MDI	AT 100% (PSI) ²	% ²	DIE-C (PLI) ³	SET % ⁴
DS-545D	45D	ETHER		1665	350	345	29
DS-550D	50D	ETHER		2200	350	500	32
DS-450D	50D	ESTER		1660	440	730	32
DS-555D	55D	ETHER		1645	350	390	33
DS-560D	60D	ETHER		3700	300	630	28
DS-665D	65D		ESTER	3475	200	625	31
DS-570D	70D	ETHER		4650	220	820	34
DS-570DG	70D	ETHER		5000	210	925	35
DS-575D	75D	ETHER		4770	220	1100	36
DS-580D	80D	ETHER		5650	240	920	45
DS-580DR	80D	ETHER			180		
DS-780DR	80D		ETHER		15		
DS-585DR	85D	ETHER			40		

¹ HARDNESS D2240, SHORE D

² ASTM D412

³ ASTM D624, DIE C

⁴ ASTM D395B @ 158F, 22 HRS

