

# Redco™ POLYURETHANE

PHYSICAL & MECHANICAL PROPERTIES	REDCO™ DP	REDCO™ 54A	REDCO™ 6060	REDCO™ 70A	REDCO™ 80A	REDCO™ 430	REDCO™ 500	REDCO™ EXTREME	REDCO™ 600	REDCO™ SPS 2000	REDCO™ 750	REDCO™ 750 SXL
HARDNESS, DUROMETER VALUE ASTM D676 - 59T	52A	54A	62A	70A	80A	90A	95A	96A	60D	75D	75D	75D
SPECIFIC GRAVITY	1.21	1.23	1.16	1.05	1.05	1.1	1.14	1.21	1.14	1.16	1.2	1.16
TENSILE STRENGTH, PSI ASTM D412 - 61T	3050	4500	4400	2500	3000	5000	7000	7240	8300	5271	6382	5681
ELONGATION AT BREAK, % ASTM D412 - 61T	720	490	480	650	575	450	420	430	320	147	208	114
100% MODULUS, PSI ASTM D412 - 61T	170	250	300	310	700	1050	1800	1687	3000	4921	5348	5364
TEAR STRENGTH SPLIT, PLI ASTM D470	42	16	22	60	85	95	155	143	135	122	157	152
BAYSHORE REBOUND %	3	23	30	30	30	42	40	28	40	46	45	43
IMPACT RESISTANCE IZOD NOTCHED, FT LB/IN @ 75°F (ASTM D746 - 57T)	FLEXED	FLEXED	FLEXED	FLEXED	FLEXED	FLEXED	FLEXED			31	17	25
BELL BRITTLE POINT TEMP °F				-80	-80	-80	-80			-13	-70	-58
COMPRESSION SET % METHOD B (ASTM S395)	5	1.2	6	31	35	30	37	30	40		43	

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