

Tradename	Redco 750	Redco 600	Redco 500	Redco 430	Redco 350	Redco 80A	Redco 70A	Redco 60A	Redco 55A	Redco Dead-plate	Redco Ultra 66
Short Name	750	600	500	430	350	80A	70A	60A	55A	Deadplate	Ultra 66
Nominal Durometer	75D	60D	50D/95A	90A	85A	80A	70A	60A	55A	57A	60-65A
Standard Color	Red	Black	Blue	Yellow	Green	Orange	Green?	Blue?	Purple/Maroon	Light Blue	Black
Properties											
Durometer	75 ±5	60 ±5	95 ±5	90 ±5	85 ±3	80 ±3	70 ±3	60 ±3	55 ±3	57 ±5	62
Tensile Strength Mpa (psi)	55.1 (8000)	46.2 (6700)	36-44.8 (5221-6500)	36-37.9 (5221-5500)	34 (4931)	41 (5947)	44 (6382)	37 (5366)	37 (5366)	26.2 (3800)	30.1 (4400)
100% Modulus Mpa (psi)	34.5 (5000)	24.8 (3600)	11.0-12.4 (1595-1800)	7.6-8.8 (1100-1276)	7.2 (1044)	7 (1015)	3.8 (551)	2.6 (377)	1.9 (276)	2.14 (310)	2.1 (300)
200% Modulus Mpa (psi)	-	33.1 (4800)	-	-	-	-	-	-	-	-	-
300% Modulus Mpa (psi)	-	-	18.3-29.6 (2654-4300)	15.2-16.3 (2200-2364)	13.8 (2002)	17.5 (2538)	9.5 (1378)	6.4 (928)	3.9 (566)	5.7 (830)	3.4 (500)
Elongation (%)	210	290	380-550	430-587	608	500	500	650	690	400	480
Angle Tear Strength, Die C (kN/m, pli)	-	105 (600)	117-123 (665-700)	102-105 (583-600)	91	85.5 (488)	57.3 (327)	48.5 (277)	36.4 (208)	35 (200)	33.2 (190)
Trouser Tear Strength (kN/m, pli)	-	-	-	-	47	31.5 (180)	18.1 (103)	13.6 (78)	13.5 (77)	-	-
DIN Resilience (%)	35 Bashore	40 Bashore	40-60 Bashore	42-62 Bashore	66	53	55	65	66	10 Bashore	30 Bashore
DIN Abrasion Resistance 10N (mm ^ 3)	-	-	-	-	34	21	17	15	14	-	-
Compression Set (Method B)	55%	28%	20-36%	17-30%	15%	27%	29%	31%	31%	-	6%
Cured Specific Gravity	1.21	1.16	1.13	1.11	1.10	1.22	1.21	1.20	1.19	1.25	1.16
Split Tear, D-470 kN/m, (pli)	21 (120)	20.1 (115)	-	-	-	-	-	-	-	2.45 (14)	3.8 (22)
Compression Set, Method A	1	-	-	-	-	-	-	-	-	-	-
Bell Brittle Point - F, (C)	-70, (-57)	-	-	-	-	-	-	-	-	-	-
Impact Strength, Notched IZOD, ft.lb./inch (Joules/m)	14 to 18 (742 to 954)	-	-	-	-	-	-	-	-	-	-
Flexural Modulus MPa (psi)	965 (140,000)	-	-	-	-	-	-	-	-	-	-