

Product	PU 50D	PU 50A	PU 61A	PU 83A	PU 85A	PU 90A	PU 93A	PU 95A
Mechanical properties								
Hardness (Shore A)	50±3ShoreD	50 ± 3	60 ± 5	83 ± 3	83 ± 2	90 ± 3	93 ± 3	95 ± 3
Tensile Strength / MPa (psi)	54.1 (7847)	3	35.0 (5076)	47.0 (6817)	38.0 (5500)	40.0 (5802)	43.7 (6338)	44.1 (6396)
100% Modulus / MPa (psi)	9.2 (1334)	-	3.2 (464)	4.9 (711)	7.3 (1060)	7.2 (1044)	9.8 (1421)	13.8 (2002)
300% Modulus / MPa (psi)	17.4 (2524)	-	8.3 (1204)	13.1 (1900)	13.1 (1900)	15.1 (2190)	18.2 (2640)	18.2 (2640)
Angle Tear Strength, Die C (kN/m)	124	26	37	75	72	104	118	122
Elongation (%)	550	185	500	725	565	500	500	410
DIN Abrasion Resistance (mm3)	70	-	71	65	30	37	41	51
Compression Set / 22 hr at 70°C (%)	30	10	10	25	26	24	25	27
cured Specific Gravity (g/cm3)	1.28	1.25	1.15	1.26	1.07	1.1	1.1	1.13

