



Texalan® 5 Series Polyether-based TPU										
Item	Standard	565A	570A	582A	585A	590A	595A	598A	564D	572D
Specific Gravity, g/cm ³	ISO1183	1.06±0.02	1.06±0.02	1.10±0.02	1.12±0.02	1.15±0.02	1.16±0.02	1.16±0.02	1.17±0.02	1.18±0.02
Shore Hardness, Shore A/D	ISO7619	65±3	70±3	82±3	85±3	90±3	95±3	98±3	64±3	72±3
100% Strain, Mpa ≥	ISO37	1.0	2.0	4.0	6.0	9	10	15.0	23	30
300% Strain, Mpa ≥	ISO37	1.5	3.5	8.0	9.5	17	23	32	35	48
Tensile Strength, Mpa ≥	ISO37	10	18	35	38	40	45	48	52	55
Elongation, % ≥	ISO37	800	700	560	530	500	420	400	380	320
Tear Strength, KN/m ≥	ISO34	30	50	85	95	105	120	140	160	210
Compression Set, %, 70°C, ≤	ISO815	28	30	32	38	40	40	42	43	45
Abrasion Resistance, mm ³ ≤	ISO4649	100	90	80	75	70	60	60	50	40

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