

Thermoplastic Polyurethane - TPU							
Manufacturer : Wanhua Chemicals Brand Name : Wanthane							
Properties	Wanthane WHT 1565	Wanthane WHT 1570	Wanthane WHT 1180	Wanthane WHT 1185	Wanthane WHT 1190	Wanthane WHT 1195	Wanthane WHT 1198
Density (g/cc)	1.18	1.19	1.18	1.20	1.19	1.20	1.21
Hardness, Shore A	66	73	80	85	90	95	98
100% Modulus (MPa)	3	3.5	5	7.5	9	55	60
300% Modulus (MPa)	6	6.5	9	18	20	12	17
Tensile Strength (MPa)	25	30	32	40	42	45	32
Ultimate Elongation (%)	750	700	610	500	550	500	480
Abrasion Resistance (mm ³)	50	50	80	35	35	35	44
Tear Strength (N/mm)	70	75	90	100	120	140	175
Compression set at 22h, 70°C (%)	55	48	50	60	55	55	60