

Gr-8 TPU Ecothane-16

Items	GT-1670A1	GT-1675A1	GT-1680A1	GT-1685A1	Standard	Unit
Hardness	70	75	79	84	ASTM D2240	Shore A
Density	1.19	1.19	1.19	1.19	ASTM D792	g/cm ³
100% Modulus	3	4	5	5	ASTM D412	Mpa
300% Modulus	6	8	9	11	ASTM D412	Mpa
Tensile Strength	29	31	32	33	ASTM D412	Mpa
Elongation	680	650	610	550	ASTM D412	%
Tear Strength	80	85	95	105	ASTM D624	N/mm
Application	Phone and Tablet Cases, Footwear, Injection Parts, etc.					

Gr-8 TPU Ecothane-13

Items	GT-1385B2	GT-1390A3	GT-1395A1	Standard	Unit
Hardness	86	91	96	ASTM D2240	Shore A
Density	1.19	1.19	1.20	ASTM D792	g/cm ³
100% Modulus	5	9	12	ASTM D412	Mpa
300% Modulus	10	20	20	ASTM D412	Mpa
Tensile Strength	45	45	45	ASTM D412	Mpa
Elongation	550	450	500	ASTM D412	%
Tear Strength	110	120	125	ASTM D624	%
Application	Luggage Handle, Industrial Casters, Footwear, Injection Parts, Compounding, Film, etc.				

Gr-8 TPU Ecothane-N

Items	GT-N190B1	GT-N295B1	Standard	Unit
Hardness	92	95	ASTM D2240	Shore A
Density	1.21	1.20	ASTM D792	g/cm ³
100% Modulus	10	14	ASTM D412	Mpa
300% Modulus	20	25	ASTM D412	Mpa
Tensile Strength	40	40	ASTM D412	Mpa
Elongation	450	450	ASTM D412	%
Tear Strength	120	145	ASTM D624	N/mm
Application	Pneumatic Tube, Special-shaped Parts, Film, etc.			

Gr-8 TPU Ecothane-3

Items	GT-3175A1	GT-3185B2	GT-3285B2	GT-3390A1	GT-3595B1	Standard	Unit
Hardness	75	86	84	93	97	ASTM D2240	Shore A
Density	1.19	1.19	1.19	1.19	1.20	ASTM D792	g/cm ³
100% Modulus	4	5	4.5	10	14	ASTM D412	Mpa
300% Modulus	8	10	10	20	28	ASTM D412	Mpa
Tensile Strength	25	30	30	45	40	ASTM D412	Mpa
Elongation	550	450	450	450	420	ASTM D412	%
Tear Strength	90	100	100	130	150	ASTM D624	N/mm
Application	Film, Compounding, Coating, ETPU, etc.						

Gr-8 TPU Ecothane-B

Items	GT-B28012-3	GT-B28512-3	GT-B29012-3	GT-B190B1	GT-B195B1	Standard	Unit
Hardness	81	87	92	90	95	ASTM D2240	Shore A
Density	1.19	1.19	1.20	1.19	1.20	ASTM D792	g/cm ³
100% Modulus	4	5	8	7	10	ASTM D412	Mpa
300% Modulus	10	14	24	17	24	ASTM D412	Mpa
Tensile Strength	30	45	50	34	34	ASTM D412	Mpa
Elongation	550	550	500	360	300	ASTM D412	%
Tear Strength	100	110	125	110	130	ASTM D624	N/mm
Application	Film, Compounding, Environmental Products, etc.						