

Biaxially Oriented Polybutylene Terephthalate Film
BOBLET-ST

Properties of BOBLET-ST

Properties		Unit	Method	BOBLET-ST		
Thickness		μ m	JIS K 7130	15	20	25
Tensile Strength	MD	MPa	JIS K 7127	210	220	220
	TD			220	220	230
Elongation	MD	%	JIS K 7127	150	150	160
	TD			150	150	150
Young's Modulus	MD	GPa	JIS K 7127	3.0	3.0	3.0
	TD			2.9	2.9	2.9
Impact Strength		J/piece	JIS P8134 (1/2inch ϕ)	1.0	1.3	1.6
Needle Strength		N/piece	JIS Z 1707	10	12	14
C.O.F (out/out)	Static	—	ASTM D1894	0.40	0.40	0.40
	Dynamic			0.50	0.50	0.40
Haze		%	JIS K 7105	4.8	5.7	5.7
Shrinkage rate in hot air	MD	%	150°C × 30min	2.4	2.4	2.3
	TD			0.3	0.3	0.4
Flexing	500 times	piece/ 600cm ²	Flexing tester	1	4	7
	1000 times			10	20	23

The above data is NOT guaranteed values.

The data provided in this document represents representative examples measured under specific conditions.