

Multilon TN-7500

Category	Unit	Test Method	Condition	TN - 7500	
Density	kg/m ³	ISO 1183	-	1,180	
Tensile modulus	MPa	ISO 527-1 and ISO 527-2	1mm/min	-	
Tensile stress at yield	MPa		50mm/min		63
Tensile stress at break	MPa				47
Tensile strain at yield	%				3
Nominal tensile strain at break	%				-
Tensile strain at break	%				50
Flexural modulus	MPa	ISO 178	2mm/min	2,600	
Flexural strength	MPa		2mm/min	95	
CHARPY impact strength	kJ/m ²	ISO 179	unnotched	NB	
			notched	13	
Heat deflection temperature		ISO 75-1 and ISO 75-2	1.80MPa	80	
			0.45MPa	91	
Vicat softening temperature		ISO 306	50 /h 50N	-	
Molding shrinkage	%	In-house method	parallel	0.4 ~ 0.6	
			across	0.4 ~ 0.6	
Coefficient of liner expansion	× 10 ⁻⁴ cm/cm/	ISO 11359-2	parallel	0.8	
			across	0.8	
Surface resistivity		IEC 60093	-	-	
Flammability	-	UL 94	-	V-0(1.5mm) 5VB(2.0mm)	

The figures given above are representative, but are not guarantees of individual results.

Molding shrinkage of Multilon will vary depending on its application thickness.

Please send your inquiry to the Headquarters of Polycarbonate Resin Sales, Teijin Chemicals Ltd. for detailed technical information.