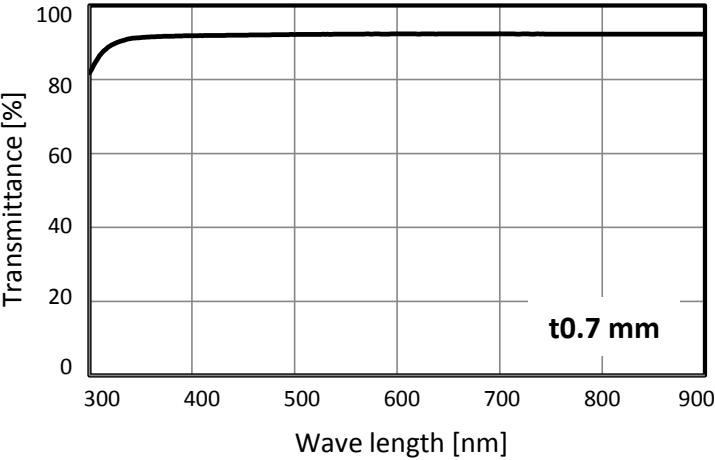


Mechanical property	Density [g/cm <sup>3</sup> ]		2.46
	Young's Modulus [GPa]		73
	Shear Modulus [GPa]		30
	Poisson's Ratio		0.22
	Vickers hardness (before CS)		542
	Vickers hardness (after CS)		672
Thermal property	CTE(50-350deg.x10 <sup>-7</sup> ) [deg.]		89
	Softening Point [deg.]		852
	Annealing Point [deg.]		635
	Strain Point [deg.]		588
Optical property	Refraction Index (Nd)		1.51
	Photoelastic constant [nm/cm/MPa]		28.4
Electrical property	Dielectric constant Loss tangent	1M Hz	8.4 0.027
		2400MHz	7.6 0.020
Chemical durability	Weight loss [mg/cm <sup>2</sup> ]	HCl 0.1mol/l 90° for 20hrs	0.06
		NaOH 0.1mol/l 90° for 20hrs.	1.08
		HF 5% 25° for 20min.	13.4

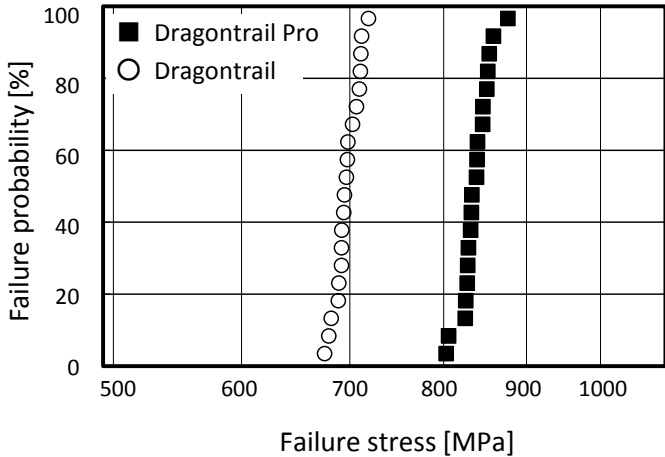
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Application	typical CS value	typical DOL value
Coverglass	1000 MPa	40 μm

**Transmittance**



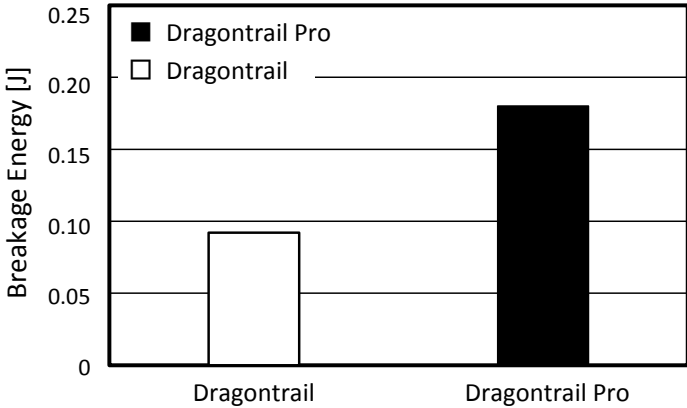
**Four point bending strength**



**Edge Impact test (AGC internal)**



**Edge Impact strength**



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