

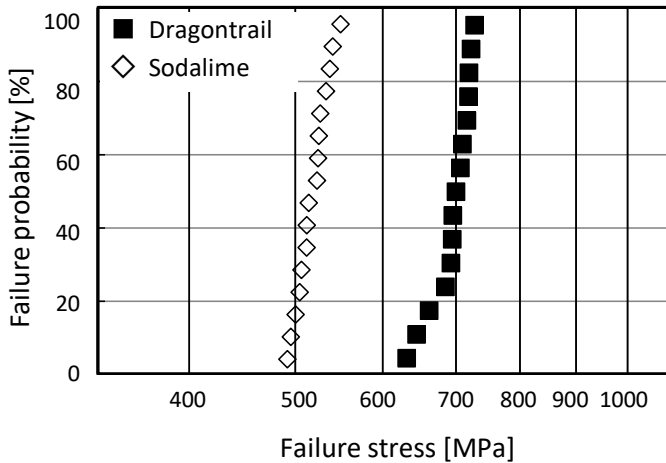
Mechanical property	Density [g/cm ³]		2.48
	Young's Modulus [GPa]		74
	Shear Modulus [GPa]		30
	Poisson's Ratio		0.23
	Vickers hardness (before CS) [kgf/mm ²]		550
	Vickers hardness (after CS) [kgf/mm ²]		640
Thermal property	CTE (50-350°C) [x10 ⁻⁷ /K]		98
	Softening Point [°C]		821
	Annealing Point [°C]		606
	Strain Point [°C]		556
Optical property	Refraction Index (n _d)		1.51
	Photoelastic constant [nm/cm/MPa]		28.3
Electrical property	Dielectric constant Loss tangent	1M Hz	7.7 0.009
		2400MHz	7.4 0.011
Chemical durability	Weight loss [mg/cm ²]	HCl 0.1mol/l 90° for 20hrs	0.03
		NaOH 0.1mol/l 90° for 20hrs.	0.56
		HF 5% 25° for 20min.	11.8

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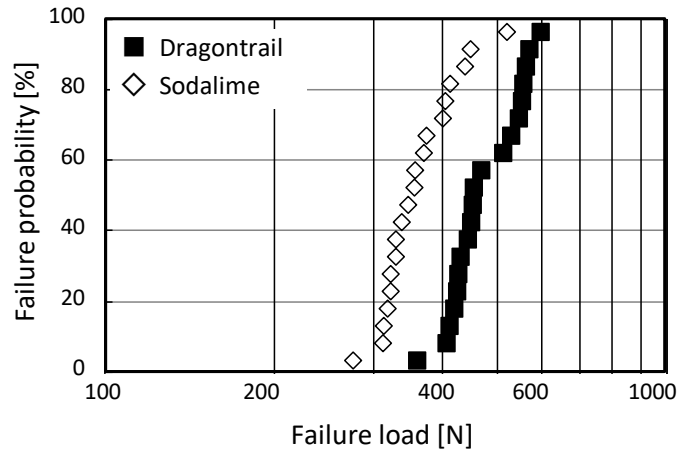
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Application	typical CS value	typical DOL value
Coverglass	More than 600MPa	35< DOL <45 (0.7t)
2in1(OGS)	700±50MPa	21±3um (0.7t)

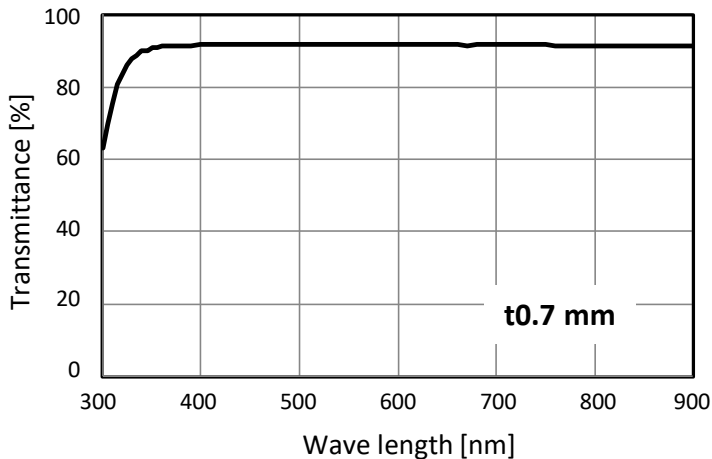
Four point bending strength



Ball on ring strength



Transmittance



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