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Performance data

Material / Performance	SGP	PVB	Standard
Density (g/cm^3)	0.95	1.07~1.08	ASTM D-792
Coefficient of linear expansion (°C^{-1})	10~15x10^{-5} (-20°C ~32 °C)	4x10^{-4}	ASTM D-696
Tensile strength (Mpa)	34.5	20	ASTM D-638
Tear strength (Tear energy) (MJ/m^3)	50	10-15	ASTM D-638
CSS (Mpa)	>20.7		Du Pont
Elongation (%)	400	275 (ASTM D-412)	ASTM D-638
HDT @ 66 PSI	43°C		ASTM D-696
Haze	<2%	<2	
YID %	<2.5	10-15	(interlayer)
Refractive index	1.5	1.47~1.5	
UV cutoff wavelength (nm)	310	380	
UV screening (%) 3C+0.38+3C	99.98	99.98	

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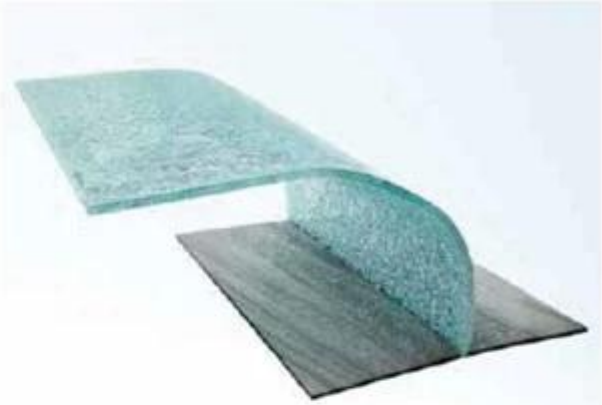
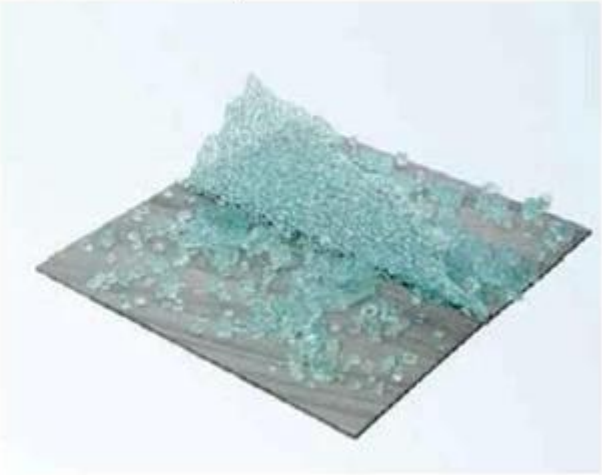
Laminated Glass with SGP Interlayer



Laminated Glass with PVB Interlayer



Tempered Glass

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