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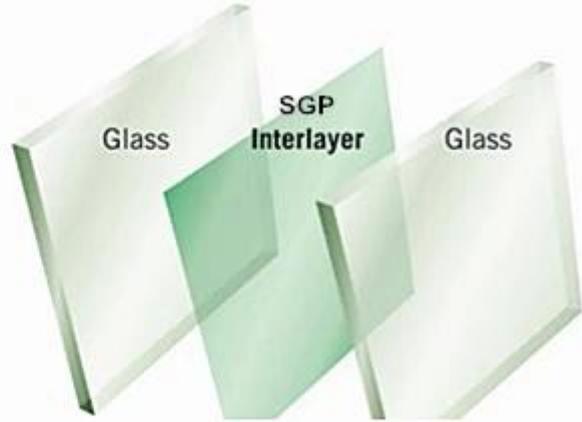
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Performance data

Material	SGP	PVB	Standard
Performance			
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	

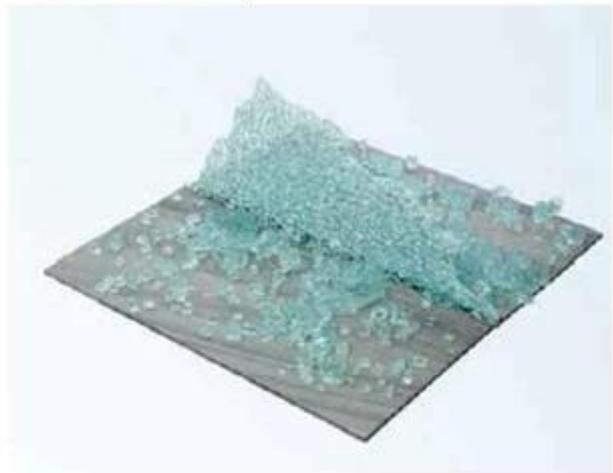
이러한 특성을 가진 SGP는 자동차의 전면 유리와 측창 유리에 사용되며, 또한 건축물의 안전 유리와 내충격 유리로도 널리 활용되고 있습니다.



Laminated Glass with
SGP Interlayer



Laminated Glass with
PVB Interlayer



Tempered Glass

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