

3M Data Sheet

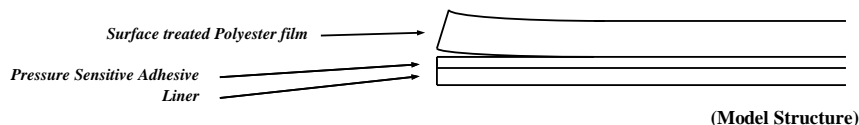
Fasara™ GlassShade

Product

SH2FGLTg SH2FGSLg SH2FGIMg SH2MAGL

Fasara GlassShade are designed and developed especially for the interior glazing.
Fasara satisfies Shatter Resistant performance defined by JIS A 5759 (almost the same as ANSI Z97.1 Shot Bag Impact Test 100feet-lb).

Structure



Feature

- 1.Fasara shows the same performance as Scotchshield SH2CL shatter resistant film in the test of Interlayer Displacement defined in JIS A 5759.
- 2.Fasara cuts UV ray to retard sun burn of color or furniture.

Physical Property

Product	Color	Thickness (withou Liner) (micro m)	Adhesion		Break Strength		Elongation (%)
			(N/25mmW)	(kgf/10mmW)	(N/25mmW)	(kgf/10mmW)	
SH2FGLTg	Lattice g	83	7.0	(app.0.29)	200	(app.8.2)	100
SH2FGSLg	Slat g	83					
SH2FGIMg	Illmina g	79					
SH2MAGL	Glace	81					

Measured by the method defined in JIS A 5759

Optical Property

Product	Shading Coefficient	Solar Heat			Visible Light		UV	U value	
		Reflectance (%)	Transmittance (%)	Absorbance (%)	Reflectance (%)	Transmittance (%)	Transmittance (%)	(W/m ² K)	(kcal/m ² h°C)
		SH2FGLTg	0.71	11	56	33	13	57	<1
SH2FGSLg	0.68	12	53	35	15	53	<1	5.9	(App.5.1)
SH2FGIMg	0.74	11	60	29	13	63	<1	5.9	(App.5.1)
SH2MAGL	0.69	12	55	33	15	55	<1	5.9	(App.5.1)

Measured by JIS A 5759 defined method

Measured on the 6mm thick float glass

Shatter Resistance

Fasara applied glass satisfies the performance of shatter resistant test, Type A and Type B, defined in JIS A5759.

*The above numbers are not guaranteed, and those would be changed without announcement.