

### GLASSGARD

#### Clear Glass-Gard - Comparative Performance Data

Product Code	GG 200	GG 250	GG 400	GG 700	GGL 400	GGL 800	GGL 1200	GGLL 600	GGLL 1400
Colour	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
Thickness - mil (1/1000")	2	2.5	4	6.5	4	8	12	6	14
Number of Plys	1	1	1	1	2	2	2	3	3
Peel Strength (lb/inch)	38173	38173	38173	38173	38173	38173	38173	38173	38173
Break Tensile (lb/inch)	60	-	105	170	115	185	295	125	370
Elongation at Break	>150%	>150%	>150%	>150%	>150%	>150%	>150%	>150%	>150%
Abrasion Resistance	<5%	<5%	<5%	<5%	<5%	<5%	<5%	<5%	<5%

Film Physical Properties	Typical Value	Test Method	Drop Test (Threshold Penetration Force)	
			Film on 1/4" Glass	Force, ft/lbs
Tensile Strength	28,000 psi	ASTM D 882		
Modulus	500,000 psi	ASTM S 882	GG 200	1120
Yield Stress	14,500 psi	ASTM D 882	GG 400	1450
Melting Point	256 C	ASTM D 2117	GGL 400	1760
Peel Strength	5-7 lb/inch	PSRC-1	GGL 700	2080
Break Tensile	See Above	ASTM D 882	GGL1200	3840
Abrasion Resistance	<5%	ASTM D 1044	GGLL 1400	>6400
Elongation at Break	>150%	ASTM D 882		

#### Chemical Resistance

Glass-Gard Scratch Resistant Surface Coating will resist damage and attack by the following substances:

- 10% Sodium Hydroxide
- 10% Phosphoric Acid
- 5% Sodium Hypochlorite
- 5% Sodium Pyrophosphate

NOTE: Please note that the data reported herein are considered nominal, and intended only as a guideline, not as product specifications or product usage recommendation.