

Scratch Resistant Hard Coat

Property	Test Method	Non Tintable	Hard Resin Tintable	Polycarbonate Tintable
Scratchability	Steelwool (Grade #0000)	A-	B-	B+
Adhesion	Cross Cut Tape Test (*)	Passed	Passed	Passed
Tintability	Evenness of Color	Non Tintable	Excellent	Excellent
	Absorption After - 10 mins	-	54%	13%
	- 20 mins at 93+/-2°C	-	66%	16%
Durability	Crosshatch Adhesion Boiling Water Test	Passed	Passed	Passed
	Cyclic Humidity Test	Passed	Passed	Passed
UV Absorption	Spectrophotometer Test	≥97% at 350nm	≥97% at 350nm	100% at 380nm
FDA Dropball Test	FDA Regulatory Requirement	Passed	Passed	Passed

UV Protection Coat

- The UV Safe lens will eliminate up to 100% of UV rays in the critical 400nm
- UVC, with frequency below 286nm, is filtered by the earth's ozone layer and therefore poses little or no danger
- UVB, which ranges between 286 and 320nm, causes sunburn and snow blindness
- UVA, the most damaging light to the eye, ranges between 320 and 400nm

