

VUEGUARD - 951 Automotive

Vueguard-951 Automotive is a clear, UV- curable coating offering excellent scratch abrasion and chemical resistance with exceptional anti-weathering and ultra-violet radiation resistance. This GE Silicones fully approved automotive hardcoat, is ideally suited for protecting polycarbonates in outdoor applications such as optical lenses and reflectors used in motor vehicles.



Performance Characteristics

- UV resistance
- Abrasion and mar resistance
- Solvent / chemical resistance
- Optical clarity
- Primerless adhesion to polycarbonate
- Single spray coating
- Compliant with ECE Automotive Regulation AMECA

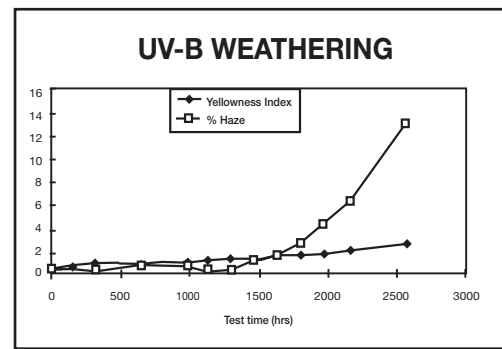
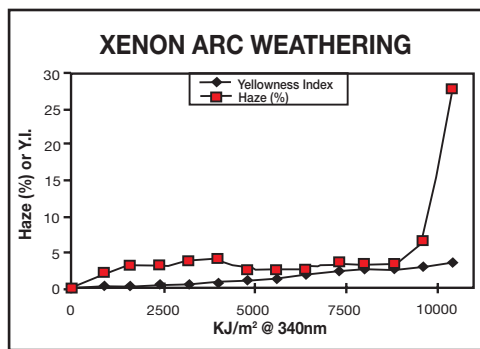
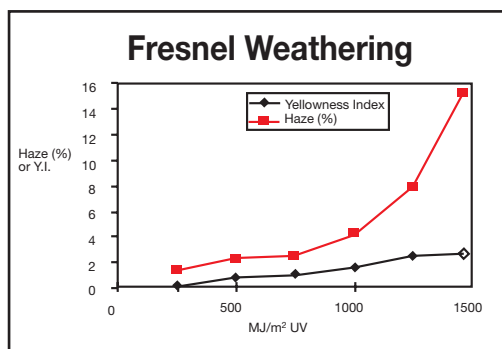
TYPICAL PERFORMANCE DATA (Vueguard-951 applied at 8 - 12 microns on LEXAN® polycarbonate)

Property	Value
Taber Abrasion, 300 cycles with CS10F wheels (1)	< / = 15 d%Haze
Water Immersion @ 65°C (2)	> / = 10 days
Outdoor 45-deg Florida/Arizona exposures	Passed DOT FMVSS #108

(1) 500g @ ASTM D1003

(2) Tape pull adhesion test with no delamination.

Accelerated Weathering



Notes: Fresnel weatherability with night time spray in Arizona.

Xenon arc weatherability with inner/outer borosilicate filters and 0.77 watt/m² irradiance.

UV-B weatherability with FS 40 lamps, 8 hours on at 70°C and 4 hours off at 50°C.



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