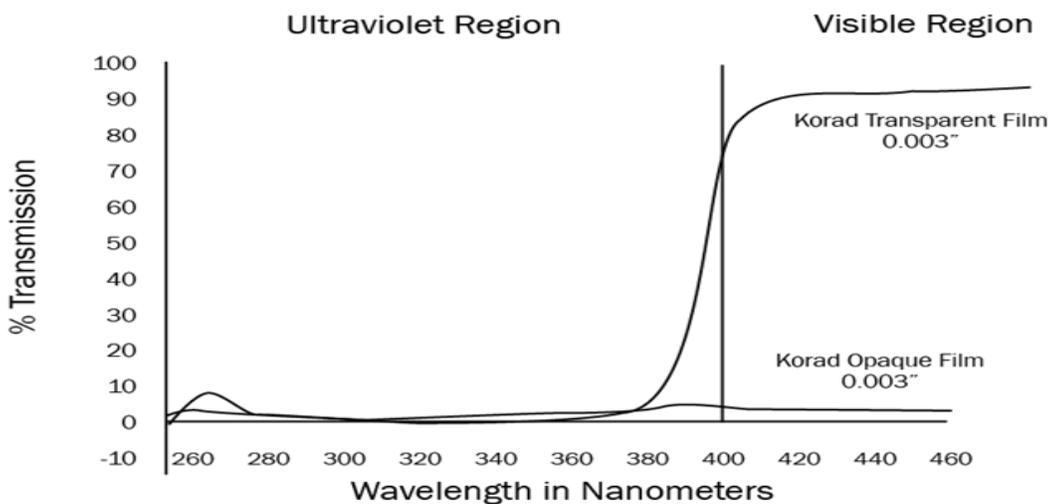


# Korad™ UV Protection and Color, Gloss Retention

## Korad™ UV & Visible Light Screening Properties

With Korad films, surfaces maintain an original, like-new appearance even in harsh environments where there is long term exposure to UV light, moisture or extreme temperatures.

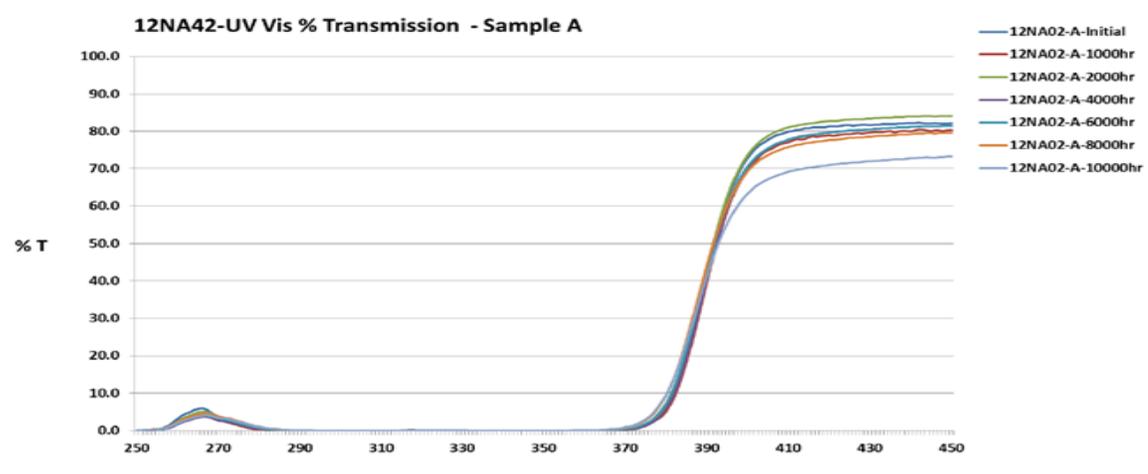
- Excellent Thermoforming characteristics
- Excellent bond strength to multiple substrates
- Printable
- Provides enhanced chemical resistance
- Industry leading UV and weathering resistance
- Ease of processing
- Fully reusable in regrind system



Korad™ Acrylic transparent and pigmented (opaque) films protect thermoplastic substrate by blocking the damaging UV wavelengths of sunlight.

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## UV Blocking Power



Virtually no UV radiation in the critical range of 295-370 nanometers passes through either transparent or pigmented opaque Korad™ film. The appearance of your Korad™ laminated part will exhibit excellent long-term resistance to fading, crazing, dulling and hazing.

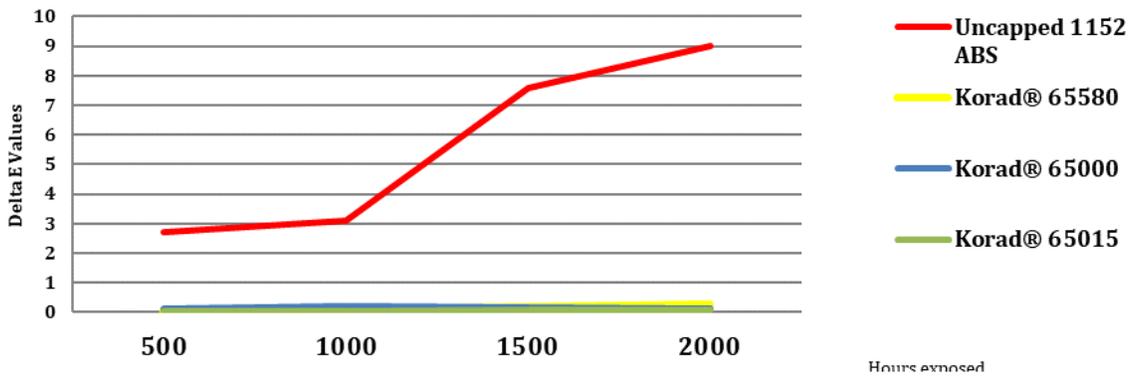
Long-term studies have been completed to ensure that the protective properties of Korad exceeds industry standards

Study shows no significant loss the UV blocking power of Korad™ after 10,000 hours QUV exposure

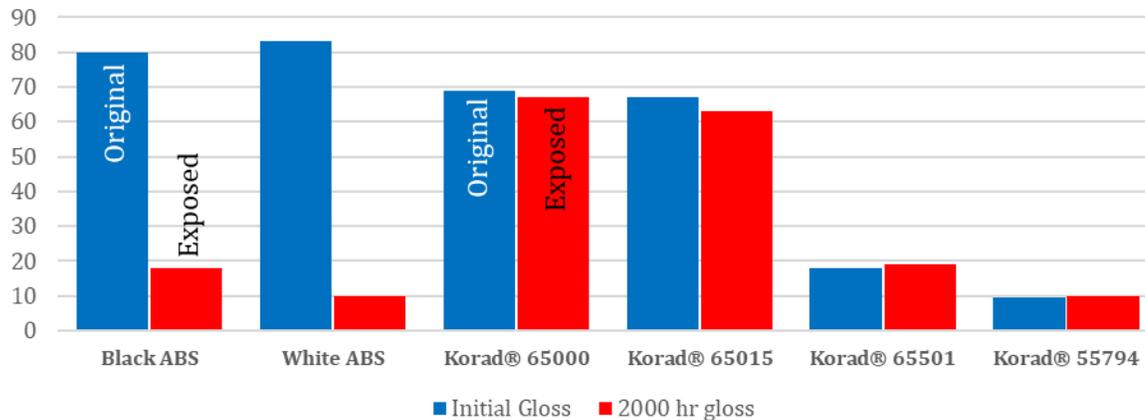
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## Color and Gloss Retention Values After QUV Exposure

**Color Retention**  
Color Change Delta E values via QUV exposure



**Unprotected ABS & Korad™ Gloss Retention**  
Gloss change after QUV exposure over 2000 hours



For additional information, please contact Spartech at 800-677-4338 (800-67-SHEET), e-mail [info@spartech.com](mailto:info@spartech.com) or visit our website at [www.spartech.com](http://www.spartech.com)

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