



Red Fluorescing Light-Curable Materials

Ultra-Red™ fluorescing technology, formulated into Dymax light-curable adhesives and coatings, enhances bond-line inspection processes and product authentication. The adhesive or coating remains colorless until exposed to low-intensity UV light (360-380 nm), at which point it will fluoresce bright red. This is particularly effective while bonding plastics, like PVC and PET, which naturally fluoresce blue. The Ultra-Red™ fluorescence does not absorb the same wavelengths as those used to cure the adhesive, resulting in faster, deeper cures when compared to blue fluorescing products. The patented Ultra-Red™ fluorescing compound is exclusive to Dymax for use in light-curable adhesives and coatings. When measured, this compound produces a unique energy peak that cannot be reproduced by other fluorescing compounds. This offers manufacturers the ability to assemble or mark their products so they can be positively identified. Ultra-Red™ technology may be formulated into new or existing Dymax materials.

- Faster, deeper cures when compared to blue fluorescing materials
- Easy product authentication
- Accurate bond-line inspection
- Vivid color contrasts on blue fluorescing substrates
- Clear when not exposed to UV
- Medical-grade products available
- LED-curable formulations available



Visit www.dymax.com/ultra-red for a complete listing of products formulated with Ultra-Red™.



**For more information on Ultra-Red™ technology,
please contact Dymax Application Engineering.**



Materials formulated with Ultra-Red™ technology are clear when not exposed to UV light



Under low-intensity UV light, Ultra-Red™ materials fluoresce bright red, enabling easy bond-line inspection.



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