Plastic Bonder with Moisture Cure Prevents Failures Due to Loss of Adhesion

Cures Fast in Shadowed Areas in 3 to 5 Days

Torrington, Connecticut – August 25, 2014... Dymax Corporation’s newest plastic bonder cures with UV/Visible light and a secondary ambient moisture-cure system making it an ideal adhesive for applications requiring shadow-area curing. Dual-Cure 3401 is specifically designed for rapid, high-strength bonding to hard-to-bond PC and ABS as well as metal substrates. It exhibits low shrinkage, resulting in less stress at the bond line, and it cures fast – in 1 second – enabling higher production rates. Dymax 3401 is low viscosity for better wetting and is jetting compatible.

This versatile material is curable with both broad-spectrum UV and narrow-spectrum 385 nm LED curing systems, giving manufacturers options. Dual-Cure 3401 fluoresces blue under low-intensity black light (365 nm) for easy visual inspection of the bond line.

In addition to adhesives and coatings, Dymax also offers high-performance oligomers as well as a variety of dispensing and light-curing equipment. The company’s products are perfectly matched to work seamlessly with each other, providing design engineers with tools to dramatically improve manufacturing efficiency and reduce costs.

For additional information, visit www.dymax.com or contact Dymax Application Engineering at info@dymax.com or 860-482-1010. Dymax Corporation develops innovative oligomer, adhesive, coating, dispensing, and light-curing systems for applications in a wide range of markets. Major markets include aerospace, appliance, automotive, electronics, industrial, medical device, and metal finishing.