



**FOR IMMEDIATE RELEASE:**

## **D&M Plastics Breaks Down the “Tough Stuff” About Liquid Crystal Polymers**

**BURLINGTON, IL (APRIL 4, 2016)** – D&M Plastics, an industry leader in custom injection molding for over 40 years, launches its first in a series of white papers with a free download on Liquid Crystal Polymers (LCP). This unique class of thermoplastic resin is ideal for specialized electronic, medical, and automotive components, though it is also expensive and can be extremely difficult to work with. D&M’s ‘Tough Stuff’ white paper breaks down LCP intricacies and complexities so readers can maximize their potential use of this high-performance material. Readers will learn the advantages of using LCP, plus best practices for working with thermoplastic injection molding grades to get great results.

“LCP can be challenging for those who are used to different types of resins. The ‘Tough Stuff’ white paper provides great explanations and solutions to some of those complexities,” D&M President Peyton “Chip” Owen said. “Sharing our expertise through this series of whitepapers will ultimately encourage product development and future use, and helps define D&M’s unique role as a manufacturer that operates more like a technology company.”

D&M’s whitepaper explores using mold flow analysis; understanding that LCP caters to thinner walls unlike its polyester cousins; and paying attention to the venting and geometry of the canvas. Additionally, due to the high cost, many projects that spec LCP require the use of “virgin only” materials (Medical, Military, high performance Industrial applications). The paper explains a product that offers high quality performance but requires the expertise of an experienced molding practitioner for optimal outcomes. For more information or to download this free resource, visit [http://www.dmplastics.com/news\\_media/tough-stuff-liquid-crystal-polymers/](http://www.dmplastics.com/news_media/tough-stuff-liquid-crystal-polymers/) .

### **ABOUT D&M PLASTICS:**

D&M Plastics specializes in tight-tolerance precision parts for the medical and electronics industries. The company’s long-standing external defect rate is 17-PPM’s, and D&M was the first U.S. full-service turnkey manufacturer awarded ISO-certification in 1993. D&M Plastics has provided its customers a comprehensive guarantee of quality, delivery, and price since it was founded in 1972. The D&M manufacturing team stands behind its customer goals and outcomes, and has more than 300 combined years of injection molding experience. D&M is a privately held company, located in Burlington, Illinois just outside of Chicago. Visit on the web at [www.dmplastics.com](http://www.dmplastics.com) or call (847) 683-2054.

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