



**FOR IMMEDIATE RELEASE**

March 21, 2007

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**IDI Composites International Enhances Test Laboratory**

NOBLESVILLE, INDIANA (USA) – IDI Composites International (IDI), the premier global formulator and manufacturer of thermoset molding compounds, has enhanced their comprehensive test laboratory with the acquisition of a Fourier Transformation Near Infrared Spectrometer. The system allows IDI to accurately measure various chemical and physical properties of a thermoset composite bulk molding compound (BMC) or sheet molding compound (SMC) batch before going into production – ensuring that the material will process, mold, and perform exactly to customer specifications. This latest upgrade to IDI's Noblesville, Indiana manufacturing facility is indicative of IDI's commitment to provide their global customer base with the highest quality thermoset BMC and SMC materials customized for a variety of applications.

The batch sample testing system utilizes a state-of-the-art Near Infrared Spectrometer outfitted with a special sampling attachment to produce a very detailed view of a compound's composition. Popular in other industries such as agriculture, oil, and pharmaceuticals, Near Infrared Spectroscopy is typically much more precise than other costly and dangerous chemical analysis methods. With the new system, properties such as moisture content, hydroxyl #, acid #, monomer content, viscosity, general composition, mixing performance, and many more properties can be simultaneously measured — with both liquids and highly-filled pastes. Samples also require no

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preparation before being measured, and the system only takes 1 to 2 minutes to perform the complete analysis. Since the system does not require sample preparation or the use of traditional wet chemistry test methods, it also eliminates the cost of purchasing chemicals and the ever growing cost to properly dispose of laboratory chemicals.

The new testing system has many advantages over traditional industrial test methods such as Karl Fischer Titrations and Oven Test Methods, which take much longer for each analysis. Another added benefit is that the new testing instrument provides a spectrum of the sample that details the chemical characteristics of that material and provides documentation of the performance.

“The benefits of this new batch sample testing system to our customers are two-fold.” says Larry Landis, Director of Quality and Technology for IDI. “We are providing the most accurate compounds available anywhere in the market, and we are simultaneously reducing time and resources in the process. This will ultimately lead to lower customer costs and enhanced material performance.”

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**About IDI Composites International:** IDI Composites International is the premier global formulator and manufacturer of thermoset molding compounds for custom molders and OEMs. The company provides customized polyester/vinylester-based bulk molding compounds (BMC) and sheet molding compounds (SMC) for the world’s most demanding markets, including automotive, electrical, appliance, food service, and energy.

Headquartered in a 200,000 square foot facility in Noblesville, IN (USA), IDI has a strong presence in the international thermoset composites market. To support a growing customer base world-wide, the company operates multiple wholly-owned manufacturing facilities in Europe, Asia, and The Americas.