

**FOR IMMEDIATE RELEASE**

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## **New Thermoset Composite for Heavy Truck Market**

NOBLESVILLE, INDIANA (USA)– IDI Composites International, the premier global formulator and manufacturer of thermoset molding compounds, announces a new sheet molding compound (SMC) developed to meet the unique material requirements of the heavy truck market: SMC AV-206. The new



material, available in either 100% vinylester or polyester/vinylester blends, is an ideal replacement for aluminum die-cast under-the-hood components due to its high physical and mechanical strengths.

Valve covers traditionally made from a costly aluminum die-cast are now being molded with thermoset SMC AV-206. The new material features 35% glass content, giving it superior dimensional stability and a high strength-to-weight ratio. The new material also has an excellent NVH (Noise Vibration Harshness) rating, making it effective in dampening normal harmonic vibration. Other features of SMC AV-206 that make it ideal for heavy truck applications include:

- Heat resistance
- Corrosion resistance
- Electrically non-conductive
- Lightweight

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An additional benefit of switching from metal to SMC AV-206 is parts consolidation due to the ability to mold smaller sub components rather than fabricate them separately. SMC AV-206 also dramatically reduces secondary operations typical of aluminum die-cast components, such as machining and drilling.

SMC AV-206 is well suited for a variety of applications in the heavy truck market, including oil drain pans, timing chain covers, and intake manifolds. The material is produced at IDI's various global manufacturing facilities, including Noblesville, IN (USA); Shanghai, China; Shenzhen, China; and Aguirre, Puerto Rico. For more information, please visit [www.idicomposites.com](http://www.idicomposites.com), or call the company's global headquarters at +001-317-773-1766.

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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.