

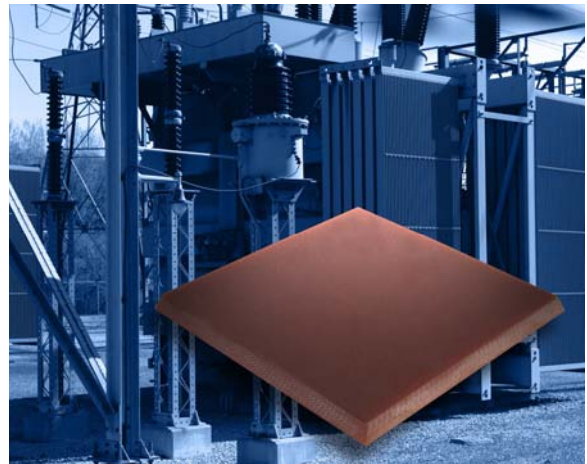


**FOR IMMEDIATE RELEASE**

**April 28, 2006**

## **Norplex-Micarta's New NP613 Provides Structural Support And Electrical Insulation in Power Transformers**

POSTVILLE, IA – Norplex-Micarta announces NP613 high performance thermoset composite material for superior structural strength and electrical insulation in transformer applications. NP613 is also oil-resistant, maintaining its mechanical strength when used in oil-filled transformer equipment for high voltage applications.



NP613 is used to separate and isolate electrical contacts.

This provides electrical insulation and protection against arcing caused by the input voltage or changes in voltage, and thus, prevents transformer failure. NP613 also provides the necessary structural support when the contacts need to be engaged. The high mechanical strength of NP613 is critical in this process, as extreme force is exerted on the separators with each gear shift. Additionally, NP613 maintains dimensional stability at elevated operating temperatures, guaranteeing that the contacts will be precisely separated and engaged as needed.

NP613 is constructed from an electrical grade of kraft paper and specially modified resin. NP613 typically has a flexural strength in the range of 27,000 psi and a compressive strength in the range of 40,000 psi. Its maximum operating temperature is 140°C.

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## **About Norplex-Micarta**

Norplex-Micarta is the leading manufacturer of high performance thermoset composites. Norplex-Micarta's vast product line serves power generation, military/aerospace, oil & gas, medical devices, electrical devices, electronics assembly, construction, heavy industry, and transportation markets throughout Europe, Asia/Pacific, and The Americas. Norplex-Micarta is located at 665 Lybrand Street, Postville, IA 52162; Tel: 563-864-7321; Fax: 563-864-4231; E-mail: [info@norplex-micarta.com](mailto:info@norplex-micarta.com); Web: [www.norplex-micarta.com](http://www.norplex-micarta.com).

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