

FOR IMMEDIATE RELEASE
NEW PRODUCT RELEASE

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NEW POLYCARBONATE SHEET IMPROVES LIGHT TRANSMISSION QUALITY IN SECURITY LAMINATES

Light-transmitting levels of laminated security glazing products depend directly on the optical properties of the sheet materials used in the laminate. Any desired gain in light transmission typically meant a trade-off in the physical performance of the final glazing product.

To improve light transmission quality and efficiency without sacrificing performance of these laminates, Sheffield Plastics has commercialized two new grades of polycarbonate sheet for use in their construction. Both offer a substantial increase in light transmission properties, combined with polycarbonate's inherent physical properties.

MAKROLON® UC, a non-coated product, and MAKROLON® AU feature state-of-the-art hard-coat technology. Both products have a minimum of 90% of available light in standard gauges up to 12.5 mm.

The AU grade has surface coating technology that resists UV, abrasion and chemical attack typically required for exterior applications. Uncoated MAKROLON UC sheet provides the same higher level of light transmittance for interior laminate layers. Both products can be laminated to each other and to glass, as required by performance specifications.

The new MAKROLON sheet grades have the traditional advantages of polycarbonate compared to glass, including 200 times more impact strength and ease of cutting to custom sizes. Polycarbonate's toughness also minimizes damage during production, shipping and installation, a major advantage given the cost of finished laminates.

Bayer MaterialScience LLC and its Sheffield Plastics operation are leaders in coating and material for the protective glazing industry. The company continues to invest in product development and field testing to raise the quality, performance capabilities and application possibilities for polycarbonate-based security laminates worldwide.



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Bayer MaterialScience LLC is one of the leading producers of polymers and high-performance plastics in North America and is part of the global Bayer MaterialScience business with nearly 15,100 employees at 30 sites around the world and 2008 sales of 9.7 billion euros. Business activities are focused on the manufacture of high-tech polymer materials and the development of innovative solutions for products used in many areas of daily life. The main segments served are the automotive, electrical and electronics, construction, medical, and sports and leisure industries.

Bayer Corporation, headquartered in Pittsburgh, is a subsidiary of Bayer AG, an international health care, nutrition and high-tech materials group based in Leverkusen, Germany. In North America, Bayer had 2008 net sales of approximately 8 billion euros (about \$12 billion) and employed 17,000 at year end. Bayer's three subgroups, Bayer HealthCare, Bayer CropScience and Bayer MaterialScience, improve people's lives through a broad range of essential products that help diagnose, prevent and treat diseases; protect crops and enhance yields; and advance automobile safety and durability. For more information, go to www.bayerus.com <<http://www.bayerus.com>>.

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factors include those discussed in our annual and interim reports filed with the Frankfurt Stock Exchange. The company assumes no liability whatsoever to update these forward-looking statements or to conform them to future events or developments.