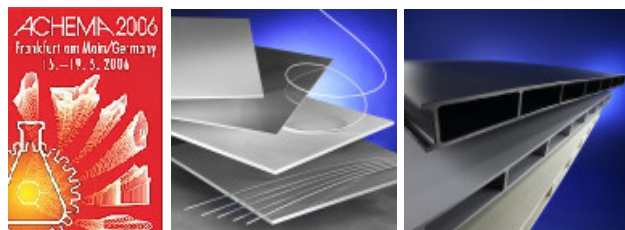


April 05, 2006 - Press Release

## **SIMONA at ACHEMA 2006 Innovative Products for Chemical Process Industry**



**SIMONA AG will be showcasing several new product lines at ACHEMA 2006:**

### **SIMONA® PVC-C range**

For particularly business-critical applications in the chemical process industry, we have developed a special post-chlorinated product by the name of SIMONA® PVC-C CORZAN Industrial Grade. Owing to its outstanding chemical resistance and high impact strength as well as its extensive temperature range of -40°C to +95°C, the material is suited to a host of different applications within the area of electroplating, chlorine electrolysis and paper manufacturing. SIMONA® PVC-C CORZAN Industrial Grade also sets new standards in terms of processing capabilities, the ability to withstand external stresses and commercial viability. The post-chlorinated SIMONA® PVC-C CORZAN FM 4910 G2 sheets are listed by Factory Mutual (FM) as semi-finished plastics offering increased fire protection, with a particular emphasis on cleanroom, semiconductor and pharmaceutical applications. Owing to its high level of resistance to the majority of chemical media and corrosive gases, SIMONA® PVC-C CORZAN FM 4910 G2 offers the utmost in safety and operational reliability. This premium-class product combines exceptional material properties with outstanding value.

### **SIMONA® Twin wall sheets**

SIMONA® Twin wall sheets made of PE, PP or low-flammability PP offer high rigidity together with low weight. Owing to their outstanding material properties and innovative design characteristics, twin wall sheets are suitable for a wide range of applications, as well as being easy to process. They are used mainly in the area of chemical equipment engineering, e.g. rectangular tanks, safety containers, covers for electroplating baths and soundproofing booths. Thanks to their cavity design, twin wall sheets are considerably lower in weight than solid sheets. Furthermore, they deliver improved rigidity, stability and structural strength. Other key characteristics include superior thermal insulation, increased durability and excellent chemical resistance.



Finally, SIMONA® Twin wall sheets are the perfect choice for cost-effective solutions in a wide field of applications. Twin wall sheets made of PE 80 (SIMONA® PE-HKP) are impact resistant at temperatures as low as -40°C, PP-H (SIMONA® PPHKP) can be used in temperatures up to +100°C, while twin wall sheets made of PPs (SIMONA® PPs-HKP) are additionally categorised as low-flammability products in accordance with DIN 4102 B1.

### **SIMONA® PP-H 100 AlphaPlus Pipe range**

SIMONA will also be presenting its SIMONA® PP-H 100 AlphaPlus pipe portfolio, which combines the full range of outstanding features generally associated with PP products and offers key advantages within the area of industrial piping systems. Improved impact strength, for instance, provides greater protection at temperatures as low as 0°C. The key strengths of PP-H 100 AlphaPlus are its enhanced chemical resistance, lower degree of stress and reduced surface roughness.

### **SIMONA® electrically conductive plastics**

Since 2003, material-specific requirements for applications in so-called explosive atmospheres have been governed by European Directive ATEX 94/9/EC. In addition, ATEX 137 defines special requirements for production equipment in explosive atmospheres. The SIMONA® portfolio of electrically conductive plastics made of PE, PP, PVC and PVDF can provide an important contribution when it comes to fulfilling ATEX standards. Electrically conductive plastics offer protection against electrostatic charging, thus reducing the risk of explosions. SIMONA's Applications Technology Department has a proven track record within this area and offers a range of special customer training programmes. Drawing on this experience, the company is thus able to provide customers with an all-embracing service portfolio for ATEX-compliant equipment and tank engineering.

### **SIMONA® glass fibre backed sheets in new width**

SIMONA PE, PP, PVDF and E-CTFE sheets with glass fibre backing have a proven track record in the area of lining and composite construction. The new width of 1500 mm offers some key advantages for state-of-the-art tank designs. Fewer sheets are required, which translates into less welding work. Furthermore, the general risks associated with weld seams can be minimised.

**SIMONA will be presenting its products at ACHEMA in Hall 8.0, Stand D29-32.**



**Further Information:**

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