



Press Release

High-performance filtration from the specialist company ASK Chemicals

Foam ceramic filters made of highly pure zirconia – particularly high load capacity and very robust

Hilden, February 10, 2014 – The use of efficient filter systems to remove contaminants and reduce turbulence plays a defining role in the quality of castings. The manufacturer of foundry aids ASK Chemicals provides a comprehensive filter product range for this reason. The specialist company from Hilden supplies highly efficient foam ceramic filters for steel and iron foundries. These filters are manufactured from a very wide range of ceramic materials such as pure zirconia, aluminum oxide – also carbon-bonded – silicon carbide and other special materials. The UDICELL™ and EXACTFLO™ filter systems support quality issues such as high metal purity as well as economic objectives through a reduction in additional work and a low rejection rate.

In particular, the fully sintered UDICELL™ foam ceramic filters, produced from partially stabilized zirconium oxide (PSZ) are the first choice for use in steel and iron foundries. Thanks to their chemical, thermal and mechanical robustness, UDICELL™ filters have a very high load capacity and enhance efficiency during the production of steel castings and medium to large iron castings as well as in investment casting.

Attuned to customer-specific requirements, ASK Chemicals develops and produces tailored filters with special surfaces and seals. This ranges from the smallest designs for investment casting right up to top solutions for cast parts in the multi-digit tonnage range.

Foam ceramic filters are also used in other areas of industry, e.g. as kiln furniture for sinter furnaces, flameless burners or for filtering flue gas. ASK Chemicals also serves these areas of application with its highly efficient systems.

Further information about the ASK Chemicals filter product range can be found at www.ask-chemicals.com/filters.

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Graphic material for press release



Figure 1: ASK Chemicals offers a great variety of filters with special surfaces and seals tailored to customers' requirements.



About ASK Chemicals

ASK Chemicals is one of the world's largest suppliers of foundry chemicals, with a comprehensive product and service portfolio of binders, coatings, feeders, filters and release agents, as well as metallurgical products including inoculants, Mg-treatment and inoculation wires and master alloys for iron casting.

ASK Chemicals is represented in 25 countries with 30 sites, 20 of which operate their own production, and employs approx. 1,700 people worldwide. With research and development in Europe, America and Asia, ASK Chemicals sees itself as the driving force behind industry-specific innovations and is committed to offering customers a consistently high level of quality. Flexibility, quickness, quality and sustainability as well as cost-effective products and services are of key importance.

Contacts for Journalists

Company contact

ASK Chemicals
Ms. Verena Skelnik
Manager Corporate Marketing &
Communications
Reisholzstraße 16-18
40721 Hilden, Germany

Tel. +49 211-71103-0
Fax +49 211-71103-70

www.ask-chemicals.com
info@ask-chemicals.com

Press contact

ProTEC Marketing
Ms. Andrea B. Ferkinghoff
Managing Director
Schwanfelder Straße 8
97241 Bergtheim/Würzburg
Germany

Tel. +49 9384-88212-21
Fax +49 9305-88212-29

www.protec-marketing.de
Ferkinghoff@protec-marketing.de