

ASK Chemicals launches ECOCURE™ BLUE PRO

Hilden, June 23, 2022 - ASK Chemicals, one of the leading suppliers of foundry chemicals, is launching the ECOCURE™ BLUE PRO cold box binder. This further development of ECOCURE™ BLUE technology offers improved casting properties as well as optimised environmental parameters.

Combining environmental protection and emission reduction with optimised efficiency in production represents a major challenge to foundries. However, an important starting point for reducing emissions is choosing the right cold box binder system. In 2015 with the ECOCURE™ BLUE technology, researchers at ASK Chemicals succeeded in removing all hazardous ingredients (as defined by the CLP Regulation) from the part 1 component of the binder, while at the same time increasing its efficiency. This development provided foundries with a solution that offered important environmental benefits combined with excellent performance.

Pro for more efficiency and performance

Since 2015, ASK Chemicals has further developed the powerful ECOCURE™ BLUE technology and increased the efficiency of the system. Consequently, the new ECOCURE™ BLUE PRO allows an additional reduction of binder and amine by up to 8% while optimizing casting properties at the same time. In tests, ECOCURE™ BLUE Pro shows increased reactivity with improved immediate strength.

Pro for improved environmental properties

The new ECOCURE™ BLUE PRO technology offers foundries the opportunity to significantly boost the emission and environmental performance of their processes. Thanks to its high efficiency properties, BTX emissions and VOCs can be further reduced compared to ECOCURE™ BLUE technology. In addition, PRO technology helps to improve the CO2 footprint of foundries – a crucial development against the background of increasingly stringent environmental and emission protection regulations.

"With ECOCURE™ BLUE PRO technology, we are successfully continuing our strategy of supporting sustainability efforts by enhancing the efficiency of our products. Thanks to the higher degree of effectiveness, we can improve performance and environmental properties in cold box series production," says Dr. Jens Müller, EVP Chemicals Division.

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IMAGE FOR THE PRESS RELEASE

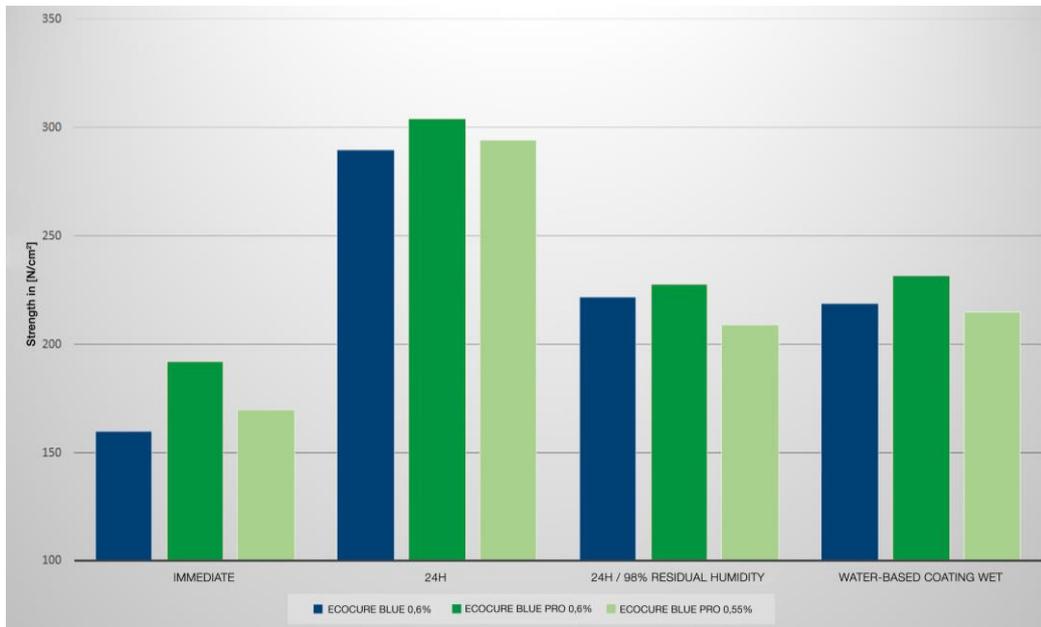


Fig. 1: Strengths with H32 sand

ABOUT ASK CHEMICALS

ASK Chemicals Group is a global supplier of high-performance industrial resins and materials.

The Foundry division, which is one of the world's largest and most innovative suppliers of foundry chemicals and consumables, offers an exceptionally wide and innovative range of foundry chemicals including binders, coatings, release agents as well as high-performance consumable i.e. mini-risers, filters or metallurgical products for iron casting.

The Industrial Resins division is a leader in the field of specialty phenolic resins. It serves a large variety of applications such as abrasives (e.g. sand paper), friction (e. g. disk brake pads), refractory (e.g. heat resistant material for furnaces), impregnation (of paper or felt), timber (e.g. plywood), and foundry. Our phenolic resins are the preferred choice when it comes to meeting the highest requirements in the areas of fire protection, energy consumption, service lifetime, health, and safety at work.

ASK Chemicals has a production and sales network in 22 countries and employs approximately 2000 people worldwide. The group sees itself as a driving force of industry-specific innovations with research centers and laboratories in Europe, Asia, America and Africa.

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