



**Casting
waxes**





Cooperation with scientific and research institution

Long-term cooperation with scientific and research institutions supports the development of product recipes for many industries. One of the areas of interest of our company is precision casting.

In cooperation with the Foundry Research Institute in Krakow, our company had the opportunity to develop a high-quality "hard" casting wax. In addition to hard wax, we also offer a soft model mass - Formowax, which enables the production of precision castings with high surface quality from various casting alloys.

Formowax is a multi-ingredient mixture of products with different lengths of carbon chains. This results in special physical properties - the heated model mass goes transforms into an intermediate state, and softens with the increase in temperature. Then it becomes plastic.

PRODUCT	MAIN APPLICATION	TECHNICAL SPECIFICATIONS
FORMOWAX HARD WAX	Used in precision casting for creating casting models and gating systems	Current Safety Data Sheets and Information Sheets as well as Technical Conditions of individual products are available on our website polwax.pl
FORMOWAX S		
FORMOWAX		
INCASTWAX S70	Used in precision casting for creating gating systems	

Advanced foundry technologies

In the foundry industry, waxes are used in the casting production process using the lost wax method. Only the use of appropriate technology, materials and equipment guarantees the highest quality castings. This goal can be achieved by implementing the established manufacturing process consisting of several technological operations, which include, among others, model making.

The quality of the cast models is one of the basic parameters determining the correct course of the technological process and the final result - precision casting. The quality of the models is determined primarily by model masses, which in this case were created thanks to a specially prepared mixture of paraffin with properly selected natural and synthetic waxes.



UNIQUE RECIPE

appropriate mix of selected paraffins and waxes



EFFECTIVENESS

products confirmed by tests and tests in precision foundries

Packaging, storage	FORMOWAX HARD WAX	FORMOWAX S	FORMOWAX	INCASTWAX S70
PANELS IN 24 KG CARTONS	●	●	●	
CARTONS APPROX. 20 KG, MAX. 40 CARTONS ON A PALLET	●	●	●	
GRANULATE IN 20 KG POLYETHYLENE BAGS ON 600 KG PALLETS	●	●	●	
PANELS ON 1000 KG PALLETS	●	●	●	
PASTILLES IN 20 KG POLYETHYLENE BAGS	●	●	●	●

Product suitability guarantee

The guarantee of suitability of individual products applies only to physical and chemical parameters and is counted from the date of sale. Detailed parameters are specified in the technical conditions available at polwax.pl

Storage method

The products should be stored in closed packages, protected against direct sunlight, moisture and mechanical impurities, away from heat sources. In addition, the technical conditions include information on the appropriate storage temperature, as well as the possible shelf life of individual products stored in accordance with the guidelines.

Conditions of delivery

The products are manufactured in the Production Plant in Jasło (PL38200) and Czechowice-Dziedzice (PL43502). Possible collection by own transport on the basis of the FCA production plant. It is possible to organize transport by Polwax S.A. (based on CPT), after presenting a price offer including delivery costs to the customer's premises.

Orders and delivery schedules

Orders for full truck loads should be sent at least 7 days before the planned shipment of the product. In the case of larger quantities for regular collections, it is advisable to send a monthly collection schedule by the 20th day of the month preceding the month of delivery.