

Mould oil

B OIL FOR CERAMICS FORMS

B oil for ceramics forms is formulated upon deeply refined mineral oil and an appropriate paraffin fraction, adequately enhanced with improvers including active additives protecting surfaces against corrosion.

The oil is applied as a kaolin mix ingredient.

Characteristics:

B oil for ceramics is anti-adhesive oil used in the ceramics industry during production of stoneware and semi-vitreous china-ware products, and for production of electrical porcelain as an ingredient of kaolin mix.

The oil is used to ease the release of the manufactured products from moulds in order to prevent the kaolin mix from adhering to a surface and to protect mould surfaces from corrosion.

Both a package of additives and specially selected base ingredients contained in the oil prevent the kaolin mix from adhering to moulds. Thanks to the oil active functions it is easier to separate a mould from the product securing its low porosity and high smoothness. After application of the B oil for ceramics the formed products need only minimal cleaning. The oil application may be by spray gun.

No	Requirements	Research methods by	Unit	Value
1.	Kinematic Viscosity at 20°C	ASTM D-445	mm ² /s	4.6
2.	Pour point	ASTM D-97	°C	-25
3.	Flash point	PN-EN ISO 2592	°C	80
4.	Acid value	PN-85/C04066	mgKOH/g	6
5.	Saponification number	PN-85/C04043	mgKOH/g	7

The above given data are typical values for a production batch, they are not included in the technical specification, and they are subject to change due to continual product research and development.

Packaging:

In bulk,

Storage:

All packages should be stored under a roof. If the drums are stored in the open air where they can be exposed to atmospheric conditions – rains, they should be placed in a horizontal position in order to avoid inrush of water to a container and to prevent label damaging; they should be covered with tarpaulin.

The product should not be stored at the temperature above 60°C and in the places where solar radiation is very strong or – temperatures very low, below 0°C. The expiry date is 3 years if the storage conditions are satisfied.

Health, Industrial Safety and the Environment:

Information concerning safety is included in the product Safety Sheet (MSDS safety sheet). It contains detailed information on possible threats, warnings, first aid as well as the impact on the environment and ways of utilization of the used products.

LOTOS Oil S.A. and the cooperating companies do not take responsibility for misuse of the product or the use with the violation of the precautions given. Before using the product for other than recommended purposes, seek advice in the local LOTOS Oil S.A. office.

The information provided in this data sheet is not intended to constitute an offer within the meaning of the Act of 23rd April 1964 - Civil Code. LOTOS Oil S.A. bears no responsibility for whatever effects of use, particularly in trade and investment decision-making of information contained herein. Any data contained in the MSDS are typical process tolerance values and they are subject to change due to continual product research and development. Information provided in this document may undergo changes. LOTOS Oil S.A. is not responsible for the product availability.

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