

Release Agent MK-4103

Description:

Release Agent MK-4103 is a water-based composition of polymers, that is specifically suited for the hot-forming of elastomers. After the evaporation of the water, Release Agent MK-4103 forms a stable film, which shows a strong affinity to the mould surface. Release Agent MK-4103 provides superior release properties, an extension of the mould cleanings cycles as well as an improvement of the flow properties.

Application Fields:

Release Agent MK-4103 is specially suited for silicone-rubber and other peroxide-cured compounds.

Application:

Release Agent MK-4103 is a "ready-to-use" - product, not to be diluted. Release Agent MK-4103 should be stirred well prior to the first usage. Before the release agent is applied, thoroughly clean the mould. It is recommended to apply Release Agent MK-4103 by spraying it onto the surface of the hot mould (at approx. 150 - 180°C). As a priming coat, two layers of the product should be applied to the mould. After each application, a drying time of 2 minutes should be maintained to guarantee a proper polymerisation of the release film. Commence starting up the production after having followed the previous instructions. The release film should be refreshed regularly with just a single application. The frequency depends on the compound and production parameters. Usually one application per 8 to 24 hours is sufficient.

Technical Data:

Composition:	aqueous solution, solvent-free
Appearance:	colourless liquid
Density [g/cm³]:	approx. 1
pH-value (20°C):	approx. 7

Packaging:

Can	30 kg
Drum	200 kg

Storage:

Release Agent MK-4103 should be stored in tightly sealed containers and has to be protected from frost, heat and direct sunlight. If these rules are obeyed, the product can be stored for at least 12 months. The expiry date is stated beneath the production date on the labels of each container.

Information for regulations on safety and transportation are provided in the safety data sheet

Further information:

Product technical information and data is based on the best information available and does not constitute or imply a warranty or patent infringement of any kind. The user is responsible for testing product suitability prior to use in production.

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