

Release Agent MP-5103

Description:

Release Agent MP-5103 is a water-based "ready-to-use" release agent, forming a coherent release film on the mould. Though this film is micro thin, it is very resistant after cure, even to abrasive materials. Release Agent MP-5103 is temperature stable up to 200°C. Release Agent MP-5103 develops a strong chemical bonding to most mould materials and thus provides multiple releases per application. Release Agent MP-5103 does not transfer to the moulded parts, allowing further processing like varnishing or gluing without subsequent treatment. Build-ups on the mould, caused by depositions of pigments, anti-aging agents, resin residues etc. are reduced considerably. A build-up caused by Release Agent MP-5103 is unlikely if it is used as directed

Application Fields:

Release Agent MP-5103 is suited as a release agent for the processing of cotton fibre sheets.

Application:

The first step is to thoroughly clean the mould. We recommend to clean the molds with a fast evaporating solvent to be sure to have eliminated all grease- or wax- residues. As a priming coat, 1-2 thin uniform layers of the release agent are applied to the hot mould. Longer drying time and higher temperature will result in an improved durability and an increased number of possible releases per application. After this pre-treatment the processing can be started. To refresh the release film, it is sufficient to reapply a single and thin coat of Release Agent MP-5103, under considerations of the drying time.

Technical Data:

Composition:	aqueous emulsion of synthetic resins
Appearance:	whitish liquid
Density [g/cm³]:	approx. 1
pH-value (20°C):	approx. 7

Packaging:

Can	30 kg
Drum	200 kg

Storage:

Release Agent MP-5103 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 6 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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