

# Release Agent RM-1191

## Description:

Release Agent RM-1191 is a solvent-free "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 and temperature stable up to 400°C. Release Agent RM-1191 develops a strong chemical bonding to most mould materials and thus provides multiple releases per application. Release Agent RM-1191 does not transfer to the moulded parts, allowing further processing like varnishing or gluing without subsequent treatment. Build-ups on the moulds caused by depositions of pigments, anti-aging agents, resin residues etc. are reduced considerably. A build-up caused by Release Agent RM-1191 is unlikely, if it is used as directed.

## Application Fields:

Release Agent RM-1191 is suited as a release agent for the application of rotational moulding systems of all plastic types especially polyethylene and polypropylene.

## Application:

The first step is to thoroughly clean the mould. We recommend to wash the molds afterwards 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, light coat of Release Agent RM-1191, under considerations of the drying time.

## Technical Data:

<b>Composition:</b>	solvent of synthetic resins, solvent-free
<b>Appearance:</b>	colourless liquid
<b>Density [g/cm<sup>3</sup>]:</b>	approx. 0.95
<b>Flashpoint [°C]:</b>	> 75

## Packaging:

Can	28.5 kg
Drum	190 kg

## Storage:

Release Agent RM-1191 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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