

Oil-based Release Agents

The products **Isolat® UP 78** and **Isolat® UP 27** are destined as an alternative to greases (silver-grease and anti-welding grease). When applied to the hot steel mould, a permanent coating with anti-adhesive characteristics is formed. These liquids can either be applied on its own, or in conjunction with water-based release agents in automatic, multiple-stage spray systems, or by means of a hand spray gun. In contrast to pastes, shiny casting surfaces without flow marks are obtained. Ideal for minimum dosing.

Product	Casting Metals	Properties
Isolat® UP 78 light synthetic oil	Aluminium Magnesium	very good release power; straight application possible as well as during the casting process on specific parts which are effected by welding ("metallisation")
Isolat® UP 27 light impregnating oil	Aluminium Magnesium	extreme release power; coating of new dies; product forms a parting coat on die-surface
Isolat® N oily liquid	Aluminium Magnesium	special release oil for the gate and hot cores
Isolat® ZN 90 RS3 thin, clear, oily liquid	Zinc	speciality release agent for zinc and its alloys (low viscosity)

Paste Release Agents

Product	Casting Metals	Properties
Isolat® UP 78 Paste	Aluminium Magnesium	very good release power; application during the casting process on specific parts which are effected by welding (“metallisation”)
Isolat® UP 27 Paste	Aluminium Magnesium	extreme release power; coating of new dies; product forms a parting coat on die surface
Isolat® TM 201	Aluminium Magnesium	aluminium pigmented grease, forming a permanent, ceramic coating
Isolat® P 22 white paste	Zinc	transparent, white paste
Trewa anti-welding grease	Aluminium Magnesium	acid-based anti-welding grease to form a „patina“ on new dies
Trewa SF acid-free anti-welding grease	Aluminium Magnesium	acid-free anti-welding grease, which does not leave black spots on surface of castings