

## **MR 1080**

### **SEMI-PERMANENT RELEASE AGENT FOR ROTATIONAL MOULDING**

#### **TYPICAL PROPERTIES**

MR 1080 is a Semi-Permanent release agent for rotomoulding of thermoplastic polymers such as polyamide, linear and cross-linked polyethylene, polypropylene, etc.

It cures to a solid, non transferring, anti-adhesive film.

MR 1080 offers the following benefits:

- Multiple releases
- No incrustations on the mould
- No transfer on the moulded part
- Balanced release effect to ensure maximum dimensional stability of large moulded parts
- Very high temperature resistant
- Allows post-treatment of the moulded parts like painting, printing, bonding, etc.
- Reduces scraps

#### **MOULD PREPARATION**

Clean the mould with Blast Media, solvent and/or other means to remove all traces of prior release agent, grease and dirt.

#### **APPLICATION INSTRUCTIONS**

- Perfectly clean the mould with a suitable solvent
- Apply 2-3 thin layers of MR 1080 by cloth, brush or spraying on the mould at ambient temperature. Allow the film to dry between layers
- Run a cycle in the oven with the empty mould to allow the release film to cure properly
- Start moulding
- When part release starts to be difficult, apply a new fresh coat of MR 1080

The above procedure allows a large number of releases without requiring to stop the moulding process.

#### **PACKAGING**

MR 1080 is packaged in carton boxes containing 2x5 Lt metal cans.