



## Chem-Trend® IPMC-1200

### Mold Cleaning Compound

#### Description

Chem-Trend® IPMC-1200 is a specially compounded rubber for cleaning dirty molds while they are still in the press. The compound cleans as it cures using the standard machine parameters. This offers significant productivity gains and reduced mold wear over traditional cleaning methods.

Chem-Trend® IPMC-1200 is suitable for all ferrous molds and most good quality coated molds.

#### Typical Properties

*These are typical values and should not be used to set specifications*

Appearance	Pale grey rubber compound
Density [g/cm <sup>3</sup> ]	1.3
Flash point [°C]	not applicable
Storage stability valid from date of manufacturing (use by date see label on container)	6

#### Application

When cleaning of the mold is required, Chem-Trend® IPMC-1200 can be vulcanized at the same process temperature in use. The fouling is then removed with the cured cleaning rubber. Cure times will depend on mold temperature and part thickness and typically will be:

1. 165°C, 20 minutes
2. 170°C, 15 minutes
3. 180°C, 10 minutes
4. 190°C, 5 minutes

More than one cleaning cycle may occasionally be required to clean the mold completely.

#### Important

The cleaning cure will remove release agent from the mold surface. Therefore, it is necessary to reapply the release agent after cleaning.

The product may be milled to soften the compound but keep the temperature below 120°F to prevent scorching and cool the rubber back to room temperature as soon as possible to prolong the usable shelf-life. Once the shelf-life has expired, the cleaning performance may deteriorate.

This product is not recommended to be processed through an injection unit.

#### Storage

The storage site should be cool, dry and protected from direct sunlight. Storage should be between 5°C and 25°C. Long storage periods at temperatures above 25°C can shorten the shelf life. Short temperature peaks of up to 35°C generally will not damage the compound.

#### Handling

We believe Chem-Trend® IPMC-1200 has a low degree of hazard when used as intended. For more information, request a copy of Chem-Trend's Safety Data Sheet., which must be consulted prior to use of this product.

#### Packaging

Chem-Trend® IPMC-1200 is supplied in slab form available in 6 kg (~13 lbs.) boxes. Slabs are approximately 1/2 inch thick by 10x10 inches.

#### Further Information

Request information on our complete range of materials: custom-formulated release agents for polyurethane molding; tire lubes and bladder coatings; Mono-Coat® semi-permanent release coatings; aerosol formulations; mold cleaners and sealers; specialized coatings and application equipment.