



TECHNICAL DATA SHEET

KLP-610

- KLP-610** is a semi-permanent water-based release agent system designed for moulding operations when non-transfer of release agent, high temperature stability, high degree of slip, and abrasion resistance of the release film are important.
- KLP-610** is water thin liquid and ready to use. The release system becomes function after cure. The release film is Micro thin and stable until 260 °C.
- KLP-610** adheres to mould surfaces and provides multiple releases with virtually no transfer to moulded parts.
- KLP-610** reduces build-up on moulds when applied according to instructions.

Properties:

Appearance	:	White
Density	:	1.0 g/cm ³
Shelf life	:	12 months

Application:

Thermoplastic, all kind of Thermoplastic-types. Especially suitable for Rotational Molding.

Advantage:

- Water-based
- Easy to apply
- Provides true multiple releases between application
- Prevent build up on the mold
- Non greasy, non contaminating coating
- Excellent performance of produced parts (dry, uniform, semi-gloss finish)
- Universal release agent

Application:

1. Thoroughly clean the mold. Apply **KLP-610** during the heat up of the mold.
2. We recommend a temperature of at least 80°C. That will improve the durability of the **KLP-610** film and will provide the maximum number of releases.
3. Apply at least two uniform, thin coats before it goes to production. Allow a short drying time between coat.
4. Reapply a light coat of **KLP-610** at process temperature when required, to maintain desired release.

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.