

CHEMLINQ MCL-C10

Melamine cleaning material

- <0.07% formaldehyde
- Excellent cleaning performance
- Reaches deep mold corners



MCL C10 is a compression-grade melamine mold cleaning material designed for cleaning transfer molding equipment and epoxy molds. While more rigid than the rubber cleaning solutions it is able to go into the deepest corners of the mold removing hidden and hard to approach stains. This product is applied by manually laying an appropriate amount of product on top of the mold and applying heat and pressure (compression). A typical schedule is 2 - 5 minutes @ 150 - 190°C with 10tons clamping pressure for a good result. It is very easy and effective to handle so it requires only ~ 3 shots to clean all stains and residues for most cleaning processes.

MCL-C10 can be supplied in loose powder if you want to pelletize yourself, in granular form and potentially in 5 x 5cm melamine cleaning pellets with a V groove break point to make it easier to break, lay down and apply on the mold. MCL-C10 has almost nonexistent amounts of Formaldehyde (0.02 - 0.07%). This proven formulation cleans very well without being toxic to the people involved in the process.

Specifications

| Property | Value | Unit | Methods |
|---------------------|-------------------|-------------------|------------|
| Shrinkage | 0.7 - 0.9 | % | ISO 2577 |
| Density | 1.2 - 1.5 | g/cm ³ | ISO 1183 |
| Water absorption | <200 | mg | ISO 62 |
| Flexural strength | >80 | MPa | ISO 178 |
| Tensile strength | >45 | MPa | ISO 527 |
| Impact Strength | KG/m ² | >5 | ISO 179/1 |
| Flammability | V0 | - | UL-94 |
| Oxygen index | >40 | % | ASTM D2863 |
| Dissipation factor | <0.1 | Dt | IEC 250 |
| Dielectric Constant | 5 | - | DIN 53483 |
| Tracking index | >600 | V | IEC 112 |

Storage and Handling

Store in a ventilated, dry, and clean environment below 20°C.

Under proper storage conditions, the product has a shelf life of at least 12 months.

The formaldehyde emission of moulded pieces is considered to be negligible. Formaldehyde release rate is as low as "formaldehyde free products", and comparable with natural wood levels.

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