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INFORMAZIONI TECNICHE

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K 5070 PVA-Release Agent

PROPERTIES

K 5070 is a release agent composed of PVA (polyvinyl alcohol) resin in a water and alcohol solvent system. It dries to a solid, transparent, glossy, non tacky film allowing the separation of most resin systems (polyesters, epoxies, GRP composites) from various mold surfaces (metal, resin, wood, etc.).

K 5070 cannot be used with phenolic resins or other resins which release water during the curing phase: this can cause damages.

The film color is blue providing a means of visually inspecting complete coverage of the mold surface.

During the molding process the film transfers to the surface of the molded part from which it can be easily washed off with warm water.

K3040 provides excellent part finish.

K 5070 can be used either as the sole release agent or in conjunction with another release agent such as FINCOWAX L for greater release assurance. The practice of employing K 5070 in conjunction with a release wax is of particular value when new molds are placed in service.

MOLD PREPARATION

In case of porous molds (i.e. wood) seal the surface with a suitable coating. Be sure that mold surface is not contaminated with other release agents in particular those containing silicon.

APPLICATION

K 5070 is ready to use as received and should not be diluted. It is best applied to the mold by spraying although it can be brushed on.

Apply a thin coat first and follow with one or two heavier coats, allowing each coat to dry completely before proceeding.

K 5070 can be used as the sole release agent: For maximum release assurance it can be applied over a mold previously waxed with FINCOWAX L.

The best procedure for separating the part from the mold depends on the size and shape of the part. In most cases the part can be lifted from the mold after loosening around the edges. A jet of air between the part and the mold at the edge is sometimes useful especially with rigid parts which cannot be flexed.

On large curved parts it may be necessary to first tap over the surface with a rubber mallet.

PACKAGING

K 5070 is supplied packed in carton boxes containing 4 x 5 Kg. plastic cans.