KRAIBURG TYRE SOLUTIONS

RELEASE AGENTS FOR SHELLS AND HEATING MOULDS

PROMOL 1265

SILICONE-FREE SPRAY RELEASE AGENTS

PROMOL 1265 is an aqueous emulsion which has proven itself to be very effective as a mixing-friendly, universally usable release agent in the manufacture of mouldings. PROMOL 1265 is normally used as a mould release agent but also as a shell release agent.

Chemical composition

Aqueous emulsion of mixing-friendly alkylene oxide derivates with surface-active substances.

Active substances:	approx. 23 %
pH value (at 100 g/l):	approx. 8
Density:	approx. 1 g/cm³

Health & safety

The information in the Safety Data Sheet (SDS) must be observed.

Packing & storage

20 kg canister
PROMOL 1265 can be stored for at least 12 months.
Protect against heat. Not sensitive to frost.

Influence on compounds and vulcanizates

PROMOL 1265 has a good wetting capacity, spreads evenly over the moulds and metal surfaces and has no corrosive effect on these.
PROMOL 1265 is absorbed well by most compounds during vulcanization; the tendency for mould contamination is therefore low.
PROMOL 1265 enables good flowing of the compound in the mould and largely prevents formation of creases (water cracks).
No impairment of the vulcanization and ageing properties by PROMOL 1265 have been observed. PROMOL 1265 lends finished vulcanizates an attractive matt finish and pleasant “feel”. Later varnishing, gluing or welding is possible in most cases. PROMOL 1265 has also been proven for bright articles in some cases.

Application

Stir well before use. PROMOL 1265 is diluted with condensation or distilled water. It should be prepared in a clean vessel made of anti-corrosive material. Solutions diluted 1:7 with water (1 part PROMOL 1265 + 7 parts water, gives approx. 2.9 % active substance) normally suffice.

Application and preparation temperature > 15°C

The finished solution is sprayed into the hot mould. For envelopes systems, it is recommendable to spray or brushed with the finished solution; the envelopes must dry off completely before use. Applying the solution to warm envelopes reduces the drying time. This process should be repeated if needed.