

product information

cleabrasol
cleaning emulsion for machines for plastic coating
and plastic finishing



applications:

- for plastic and textile processing machines
- removal of remaining pieces of plastics before changing material or colours in the extruder for processing of thermoplasts
- cleaning of machine parts and tools, used for processing of thermoplasts, e. g., calender rollers, jelling rollers and heating rollers
- derusting of metal parts

special advantages:

- economical in use
- without anorganic solvents
- can be applied to hot surfaces



cleabrasol - cleaning emulsion for machines for plastic coating and plastic finishing

instructions for use:

To clean rollers, shake *cleabrasol* well before use, apply to the hot roller surface with a soft cleaning cloth without thinning. After cleaning, the cleaning emulsion has to be removed from the hot roller surface including the thermoplast-discords. It is recommended to make a cleaning test on the edge area of the rollers before the first application.

For cleaning extruders, *cleabrasol* has to be mixed carefully with the cleaning charge in order to get a pourable cleaning dry blend. According to the diameter of the screw, 1 - 5 kg cleaning dry blend will be required.

Screens and punched discs of extruders have to be dismantled. The number of revolutions has to be reduced by 50 % and the screw temperature has to be below the plastifying temperature, i. e. about 10 - 15 % below the operating temperature. If you process the cleaning dry blend through the machine, the leaving mixture has to look scaly.

After the cleaning material has left the machine, it can be given a new charge of granulated plastic product. When the machine reaches operating conditions, production can be continued. If the machine is considerably dirty, a second cleaning process may be necessary.

ratio of mixture:

In practice, the following ratios of mixture should be used:

plastics	<i>cleabrasol</i>	granulated plastic product
Polyester amorphous / PETP	35 g	1 kg
Polyethylene / HDPE ; LDPE	30 g	1 kg
all other kinds of plastics	60 g	1 kg

further applications:

cleabrasol is remarkably suitable for rust removal on dismantled machines. For this purpose, undiluted *cleabrasol* is poured on a cleaning cloth and the dirty parts are later polished.

safety instructions:

- do not store *cleabrasol* together with food
- do not keep *cleabrasol* close to an open flame
- *cleabrasol* contains organic solvents and therefore should not come into ground water