

PROCESS MEDIA

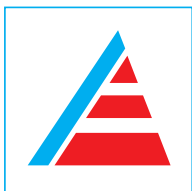
## POLISHING AND DRYING



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### For the perfect finish

Different media in the form of pastes, powders and granulates are used to support the treatment process and the following drying of parts.



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## PROCESS MEDIA POLISHING AND DRYING

### PASTES AND POWDERS



To support the surface finishing process, **grinding pastes or powders** are used during the treatment. They contain grinding minerals, also known as corundum, in different quantities, supporting the material removal. They are used for the grinding, deburring and edge rounding of stainless steel, steel alloys, copper, brass, aluminium and zinc.

**Polishing pastes and powders** are finer. They are used if very shiny surfaces and a perfect finish are desired. The containing polishing minerals level the surface and produce a mirror-like surface. They are suitable for the smoothening and polishing of stainless steel, steel alloys, copper, brass, aluminium and zinc. Some pastes can be pumped and thus are easy to dose, this can also be done automatically.

Drying granulates containing pastes can serve as polishing media, too, we call this dry polishing. With this process mirror finish surfaces are reached.

### DRYING MEDIA



To reach a spot-free drying and a light polishing the parts often pass through a dryer filled with maize corn cob after the treatment. Maize corn cob is a pure natural product. It is produced by crushing, sieving and dedusting of maize husks (ginned maize corn cobs). The granulate is available in different sizes.

The choice of the grain size mainly depends on the geometry of the workpiece to be dried. The product name reflects the quantity of grains per cm<sup>2</sup>.

Example: GM 16 = 16 grains / cm<sup>2</sup>

For the drying of very sensitive workpieces the granulate is also available in a low-dust version.

Our team of engaged chemical and process technicians develop the suitable treatment concept in collaboration with the customer. Starting with the choice of process technology, through process water analysis up to the development of innovative special solutions.

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