

PiM & PiM-Like

Debinding process



This first post-process is a key operation of the PIM process, it consists in removing approximately 98% of the organic binders contained in the “green part”. The residual binder is necessary for handling the debinded piece, called “brown part”.

The quality of this operation is fundamental. A very large part of the defects which appear after sintering is generated by unsuitable debinding.

Depending on the chemical nature of the binder, debinding can be carried out catalytically, thermally or by solvent. At the end of the debinding cycle, the part has not undergone any dimensional change (shrinkage).

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