TRITONE PRO-TIPS

GREEN PARTS POST-PROCESS

Tritone

GREEN PART POST PROCESS

THE CHALLENGE

Visible layers on angled and curved surfaces of the Captive Nut.

Before

SOLUTION

MoldJet excels in producing robust green parts, enduring 15 MPa force for easy post-processing. Media blasting may be conducted on green parts to reduce post processes on sintered parts. Process may be conducted with a variety of soft media that is small on diameter. In just under a minute, desired results may be achieved.

After

BENEFITS

MoldJet minimizes post-processing for sintered parts, reducing overall production costs. The inherent softness of green parts streamlines surface finishing, making the manufacturing process more efficient and cost-effective. MoldJet also enables the combined manufacturing of movable parts, like the 90° valve nut, reducing labor and assembly costs.

SUCCESS

- Indented Tritone logo still clear and visible
- Smooth finish across part
- Process time 30 seconds
- Pressure 2 Bar with 6mm nozzle and plastic media
- A 30 second process greatly reduces the visible layers, blending them to one another, resulting in a more uniform surface, and a smooth rotating nut

Final sintered part

MEDIA BLASTING GREEN PARTS CAN BE FURTHER DEVELOPED TO BE AUTOMIZED AND ACHIEVE OPTIMAL SURFACE ROUGHNESS WITH THE REMOVAL OF MINIMAL MATERIAL

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