

POLYSHOT SURFACING FOR YOUR PARTS WITH THE DYEMANSION POWERSHOT S

The leading blasting process for surfacing your high quality end-use parts

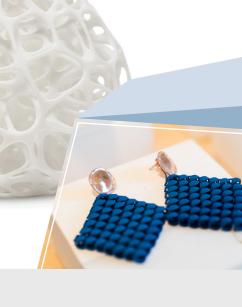
FIELDS OF APPLICATION

- ✓ Consumer
- ✓ Mobility & transport
- ✓ Industrial
- Medical & more

Useful links

- Youtube: Explained: the Powershot S
- Powershot S webpage
- Industries & Case Studies







ADVANTAGES & IMPROVED PART PROPERTIES

- Proprietary surface treatment process tailored to the additive manufacturing industry
- Delivers a unique semi-gloss surface with pleasant haptics
- Geometric accuracy: non-abrasive mechanical smoothing process that evens out peaks & valleys without removing material
- Homogeneous surface quality sets the foundation for superior coloring results
- ✓ Improves scratch resistance
- Guarantees a reproducible process

DESIGN GUIDELINES

- ✓ Maximum part size: approx. 300mm x 300mm x 300mm
- ✓ Minimum gap size: 1mm
- Surface treatment of ducts & indentations is possible, however deep channels or pockets should be avoided
- ✓ Further design guidelines <u>here</u>

COMPATIBLE MATERIALS & TECHNOLOGIES

 Compatible with hard materials available for powderbed printing technologies such as PA12, PA11 (and many more)



- ✓ Approved biocompatibility (cytotoxicity & skin irritation)
- √ Scratch resistance

