



POLYSCOPE

fresh thinking, great products

**XILOY™ 3D 100 AND XILOY™ 3D 105 ESD**  
**NON-WARPING ABS COMPOUND WITH EXCELLENT**  
**ADHESION TO GLASS AND PVA SUPPORT MATERIAL**  
**FOR THE TECHNICAL FDM MARKET**

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# ABS has its problems: warping & cracking...



Get rid of those  
layer  
splits



## **Polyscope's solution: XILOY™ 3D 100 and XILOY™ 3D 105 ESD**

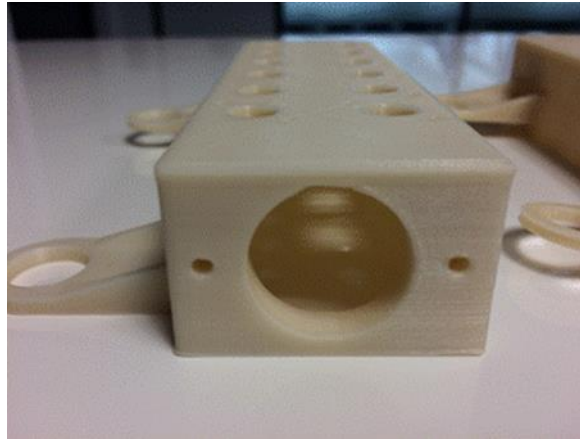
### **Warp-free** ABS with:

- High toughness
- High temperature performance
- **Good adhesion** to the **glass**-bed
- Good adhesion to **PVA** water-soluble support material

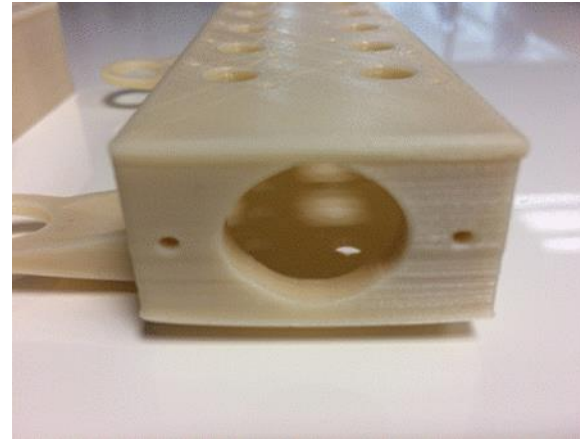
that allows for **hassle-free printing** of complex technical, functional parts in a consistent and reproducible way with an excellent, smooth **surface quality**.

**ESD** version: **XILOY™ 3D 105**

# XILOY™ 3D 100 results in warp-free products



XILOY™ 3D 100



Other ABS



**Final part**  
Courtesy Ten Kate  
Red Bull Racing



## **XILOY™ 3D 100 has excellent inter-filament strength**



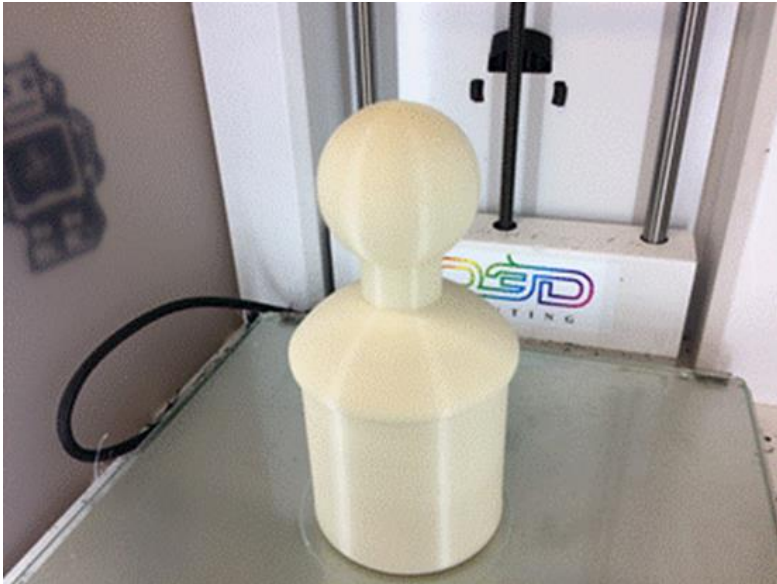
Spinner made with  
XILOY™ 3D 100



Spinner made with  
regular ABS

Customer feedback: "The spinner made with  
XILOY™ 3D 100 behaves like an injection molded one"

## Customer feedback: “XILOY™ 3D 100 results in excellent surface quality”

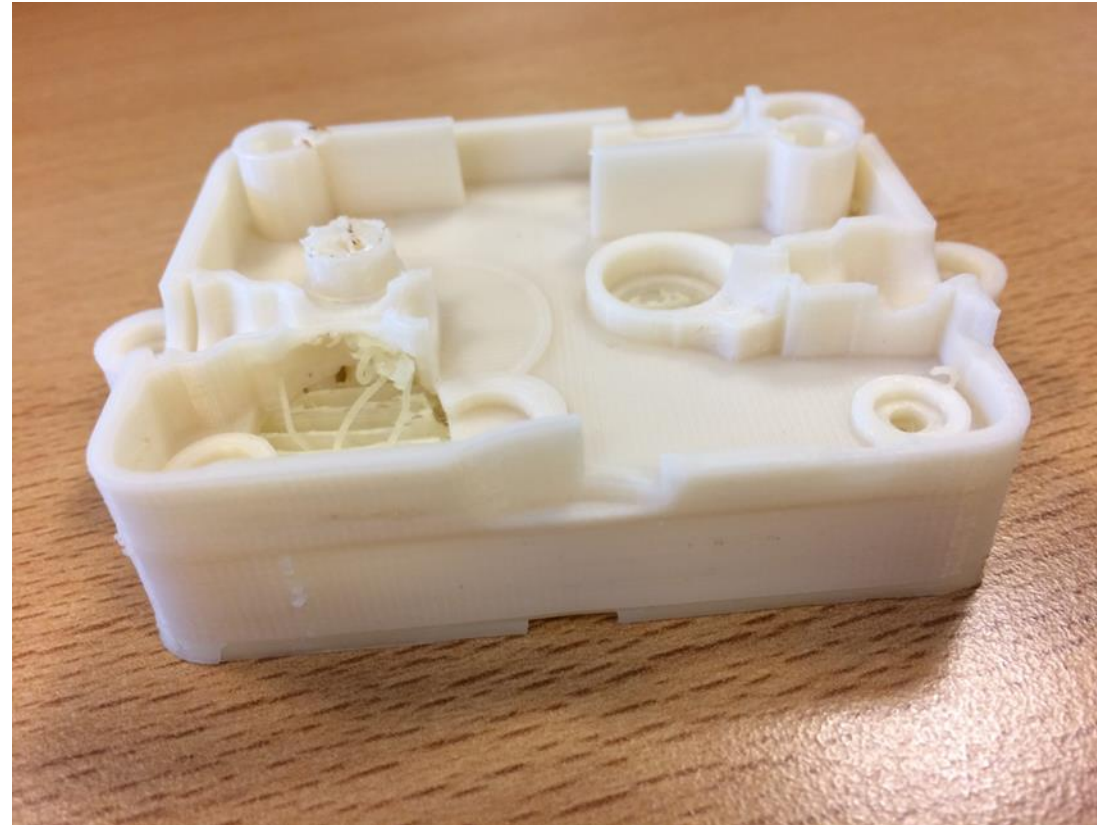


Object made with  
XILOY™ 3D 100



Object made with  
regular ABS

**XILOY™ 3D 100 has superior compatibility with (PVA) support material, allowing for the production of complex parts**





## Ten Kate Honda World Superbike Team



Our **ABS XILOY™ 3D 100** is used by the Ten Kate racing team, the official Honda World Superbike Team. It is a **warp-free** ABS with high toughness and temperature performance and **good adhesion** to the **glass-bed** and **PVA** water-soluble support material, that allows for **hassle-free printing** of complex technical, functional parts in a consistent and reproducible way.





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