

# INNOVATE IN COLOR



NEW

coyote brown

brown

beige



**Certified for skin contact.**

Introducing polypropylene filament  
**P-filament 721** in brown, beige and coyote-brown,  
certified for skin contact after 3D printing.

**Get your favorite color now or  
contact us for custom color options:**

[office@ppprint.de](mailto:office@ppprint.de)

# MEDICAL TECHNOLOGY AND 3D PRINTING

3D printing revolutionizes orthotics and prosthetics manufacturing. Extrusion-based printing offers reliable, cost-efficient solutions for O&P production, delivering custom-made devices that combine comfort, functionality, and adaptability to enhance patients' quality of life.



## Advantages of extrusion-based 3D printing

-  faster creation of products
-  50% less material usage
-  low initial investment required
-  reduced cost per part

## Application examples

- Knee-ankle foot orthosis (KAFO)
- Dynamic ankle foot orthosis (DAFO)
- Ankle foot orthosis (AFO)
- Arm prosthetics
- TT & TF prosthetics
- Thorako-lumbo-sakral orthosis (TLSO)
- Wrist hand finger orthosis (WHFO)
- many more applications possible

## The advantages of polypropylene for orthoses and prostheses



break resistant



semi-flexible



light weight



recyclable



skin friendly



Thermally deformable



Printing complex  
shapes



appealing  
surface quality