



Tectonic^{3D} Aura ASA+

BASE MATERIAL FEATURES



Excellent Weatherability



Suitable for outdoor use with respect to exposure to ultraviolet light, water exposure and immersion in accordance with UL 746 (F1)



High impact strength



Modified for better bed adhesion and low warpage



>25% recycled content



PRINTING PERFORMANCE



Easy to print on wide range of machines



High speed printing: 21mm³/s (200mm/s)

VOICE OF CUSTOMER

"TECTONIC ASA+ offers superior mechanical properties compared to PLA and PET. It allows for faster printing speeds while maintaining high quality results, enabling quicker delivery of parts to end-users. Unlike standard ASA, Tectonic-3d ASA+ exhibits minimal warping, enhanced mechanical strength and superior surface finish. Additionally, Tectonic-3d offers detailed data sheets with material properties printed in various orientations and offers complete material traceability."

Max Nijpels

Marine Innovatie Cluster

APPLICATIONS



- Applications where a combination of UV resistance, impact (shock) resistance and high-speed printing is needed
- Outdoor applications
- Drones

WARPAGE TEST: ASA against ASA+



Print speed: 200mm/s
Temperature nozzle: 260 °C
Temperature bed: 90 °C
Layer: 0.2 mm
Brim: 5mm

AVAILABLE IN
A VARIETY OF COLOURS

AVAILABLE IN
DIFFERENT SPOOL WEIGHTS