



OLA6200 ASA(BK)

GET IN TOUCH CH +86 17169960305
OR AT SALES@OLA3DP.COM
WWW.OLA3DP.COM

OLA Product Name: OLA6200 ASA(BK)

Color: Black

Process: FDM

MATERIAL SUMMARY

Tolerance: $\pm 300\mu\text{m}$ or $\pm 0.3\%$

Lead Time: 4 days

Maximum Printing Size: 250mm × 250mm × 250mm

Notes:



EVALUATION

- **Benefits**
 - ① Excellent UV resistance and outdoor durability
 - ② Strong mechanical properties with good toughness
 - ③ Good processability for functional parts
- **Limitations**
 - ① Parts > 200mm may warp
 - ② Features < $\varnothing 2\text{mm}$ may break or be incomplete
 - ③ Angled/curved surfaces < 45° may show roughness or deformation
 - ④ Large flat areas > 150mm may warp
 - ⑤ Support-heavy or internal structures may retain material or show base roughness

KEY FEATURES

OLA 6200 ASA (Black) is a rigid thermoplastic engineering material with mechanical properties similar to ABS. It is highly resistant to UV radiation and weathering, maintaining its color and shape even in harsh or prolonged sun exposure. This makes it ideal for printing outdoor-use parts and components.

MATERIAL PROPERTIES

- Heat Deflection Temperature: 105.3°C
- Tensile Strength (X-Y): 43–44.6MPa
- Tensile Strength (Z-axis): 27.4±1.8MPa
- Elongation at Break: 6.1%–7.3%
- Flexural Strength: 73.4±2.1MPa
- Izod Impact Strength (Notched): 10.3±0.4KJ/m²

APPLICATION SCENARIOS

- Industrial components
- Jigs and fixtures
- Functional tools
- Direct manufacturing of outdoor parts

POST-PROCESSING OPTIONS

- Thread tapping