

Public printing recommendation

FilaFarm Standard ABS Orange

MaterialID MAT0007

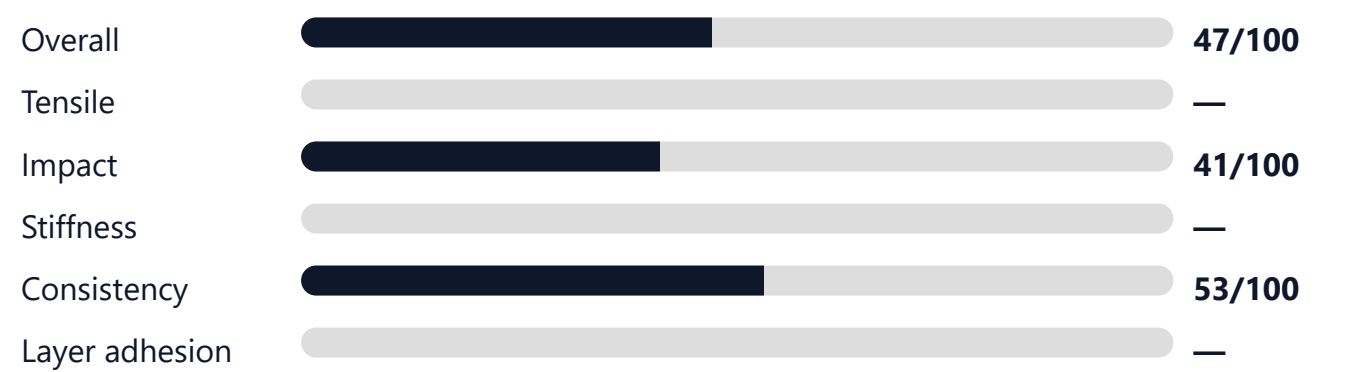


3DPiceland Labs
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WORKFLOW-RELIABILITY - Bug Fixes and Workflow
Reliability
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Guidance boundary: values below are shared base-material guidance resolved only through the canonical BaseMaterialId link. They are not manufacturer-, spool- or printer-specific validated settings. Missing fields remain Not recorded.

Overall 47/100	Engineering axes 3/5	Public rank 115 / 234	MSRP USD/kg 26.67
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Engineering profile



Recommended applications

- Cosmetic parts, concept models or low-load prototypes
- Avoid high tensile load applications

Measured strengths

- Best available signal: Consistency at 53/100.

Limitations

Engineering trade-offs

- Consistency: 53/100. Repeatability may not be the best reason to choose this filament.

- The report should be read as a suitability warning rather than a general-purpose recommendation.

Base-material printing guidance

Guidance	Minimum	Recommended	Maximum	Unit
Nozzle temperature	250	255	265	°C
Bed temperature	110	110	110	°C
Print speed	55	165	165	mm/s
Cooling	15	20	20	%
Guidance	Value			Unit
Cooling guidance	Low			
Drying temperature	75			°C
Drying time	6			hours
Enclosure	Required			
Printer / G-code reference	PrusaCoreOneL			
Slicer profile reference	Prusa Buddy3D ABS			

Print workflow checks

- Confirm nozzle temperature, bed temperature, speed, cooling and drying requirements from the manufacturer profile or spool label.
- Print a small validation part before committing to a long, costly or safety-relevant print.
- Orient the part so the governing load does not rely on an unverified or weak engineering axis.
- Engineering/high-temperature family: confirm enclosure, ventilation, warping control and material-specific drying requirements.
- Layer-adhesion evidence is weak; avoid critical Z-axis loading without additional validation.
- Repeatability is low on the internal scale; run extra validation specimens before relying on the profile.

Decision guidance

- Use this material mainly for low-load, visual or experimental parts.
- Review the listed alternatives if the application needs stronger overall performance.
- Do not choose it as a tensile-strength benchmark material.

Stronger same-family alternatives

MaterialID	Material	Manufacturer	Overall	Tensile	Impact
MAT0006	Prima Creator PrimaValue Dark Gray ABS Gray	Prima Creator	52/100	24/100	54/100

Confirm exact settings against the manufacturer profile, spool label and actual printer/material combination. Results do not replace application-specific validation.

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