

**Technology:** The 3D printing process used for the material

- Fused Deposition Modeling (FDM): More functional, lower details and more limitations on manufacturability.
- Resin-based processes (SLA/DLP): Highly detailed and precise. 24.8 µm precision.

**Tier:** Our internal classification system (Standard, Functional, Performance, Ultra) to help you gauge a material's capabilities at a glance.

**Cost (AUD/kg):** Sale price per kilogram, which serves as a baseline for project quoting.

Material	Technology	Tier	Purchasable	Applications	Material Price (\$AUD/kg)	Machine Cost
PETG	FDM	Functional	Yes	Mechanical parts, outdoor items, containers	\$21	\$0.78
PLA+	FDM	Standard	Yes	Functional prototypes, decorative items, indoor models	\$22	\$0.78
ASA	FDM	Functional	Yes	Outdoor fixtures, automotive parts, weather-resistant items	\$31	\$0.78
PCTG	FDM	Performance	Yes	Medical devices, food containers, clear parts	\$46	\$1.28
PETG-CF	FDM	Performance	Yes	Engineering prototypes, lightweight structural parts like drone frames	\$37	\$1.28
ASA-CF	FDM	Performance	Yes	Heavy industrial outdoor applications	\$49	\$1.28
PC-CF	FDM	Performance	Yes	Industrial tooling, high-temp applications, aerospace components	\$31	\$1.28
PET-CF	FDM	Performance	Yes	Chemical-resistant parts, industrial components	\$112	\$1.28
PA12-CF	FDM	Performance	31 July 2025	Gears, bearings, high-wear mechanical parts	\$74	\$1.28
PPA-CF	FDM	Ultra	31 July 2025	Under-hood automotive, electronics housings	\$149	\$1.79
PPS-CF	FDM	Ultra	31 July 2025	Chemical processing equipment, aerospace parts	\$168	\$1.79
Architect's Friend	MSLA	Standard	31 July 2025	Prototypes, figurines	\$49	\$0.78
ShockBlock	MSLA	Standard	Yes	Protective cases, tool handles	\$49	\$0.78
StructuralX	MSLA	Standard	Yes	Quick iterations, concept models and mid tier functionality.	\$49	\$0.78
Architect's Best Friend	MSLA	Ultra	Yes	Advanced prototypes, architectural models and figurines.	\$90	\$0.78
ShockBlock Pro	MSLA	Ultra	Yes	Phone cases, gaskets, seals, flexible joints	\$110	\$0.78
StructuralX Pro	MSLA	Ultra	Yes	High strength applications.	\$99	\$0.78