

Features

- UV / Weather resistant
- Zero warp technology
- Excellent interlayer adhesion
- Reliable bed adhesion (Glass, tape and other adhesives)

3D Printer Filament, PLA RS PRO 1.75mm Black Panther 1 Kg

RS Stock No.: 0292143



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

General Specifications

This product can be used for outdoor parts for long-term outdoor applications.

General Specifications

Printing Technology	FDM
Printing Material	ASA
Machine Specific	No
Colour	Black Panther
For Use With	Common Desktop 3D Printers
Material Type	ASA
Print Speed	170 mm/s for 0.2mm layer height
Bed Prep	PEI tape is the ideal build surface

Mechanical Specifications

Diameter	1.75 mm
Weight	1 Kg
Specific gravity	1,11 g/cc
MFI	26 g/10 min
Tensile strength	47.5 MPa
Tensile Modulus	2020 Mpa
Impact strength	18 KJ/m ²
Tolerance	± 0.05mm
Roundness	≥ 95%
Spool weight	224 gr

Spool size	20cm (D) x 68mm (h) & Hub diameter 52mm
Ovality Tolerance (Max)	± 5%

Operation Environment Specifications

Printing Temperature	180 - 210 °C
Melting Temperature	240 - 260 °C ± 10 °C
Melting Point	230 °C
Vicat softening Temperature	± 98 °C
Storage Temperature	15-25 °C

Approvals

Compliance/Certifications	IEC / CE / CSA
Declarations	MFR Declaration of Conformity