



Product Information Sheet

Material	PA (Nylon)																
	<table><tr><th>PA (Nylon)</th><th>Black RAL 9005</th></tr><tr><td>Print Temperature</td><td>260 - 290°C</td></tr><tr><td>Volumetric Speed</td><td>12 mm³/sec.</td></tr><tr><td>Cooling Fan</td><td>30 - 100% Disable for the first 5 layers</td></tr><tr><td>Table Temperature</td><td>90 - 120°C</td></tr><tr><td>Drying Time</td><td>8 - 12 hours</td></tr><tr><td>Drying Temperature</td><td>65 - 80°C</td></tr><tr><td>Enclosure</td><td>Closed (Heated)</td></tr></table> Temperature Resistance = 150°C	PA (Nylon)	Black RAL 9005	Print Temperature	260 - 290°C	Volumetric Speed	12 mm³/sec.	Cooling Fan	30 - 100% Disable for the first 5 layers	Table Temperature	90 - 120°C	Drying Time	8 - 12 hours	Drying Temperature	65 - 80°C	Enclosure	Closed (Heated)
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Kelvra PA is a keen, high-performance engineering filament designed for applications where heat, load, and wear resistance are non-negotiable, and PLA isn't strong enough.

As a technical thermoplastic, it delivers excellent mechanical strength and high temperature stability, making it well suited to demanding industrial environments.

The material offers superior resistance to friction and abrasion, while its strong chemical resistance supports long service life under challenging operating conditions.

Thanks to its self-lubricating characteristics, PA is particularly effective for moving parts, gears, and mechanically loaded components, helping reduce wear and maintain smooth operation over time.

A capable and reliable choice, PA is confidently specified for automotive, machinery, and technical part applications where consistent performance and durability are key—keeping components working longer, with less compromise.

[Click HERE for all PA options](#)

This Product Information is provided to support engineers who care about consistency and capability, not just competitive comparison. If you're developing a part, validating a material, or solving a printing problem, Kelvra is keen to help you get the correct filament choice.