

META-ARAMID FILAMENT YARN

200D | 1200D

Reliable Performance for Demanding Applications



High
Heat Resistance



Excellent
Chemical Stability



High Strength
& Modulus



Electrical
Insulation



Dimensional
Stability



*Stronger Materials
Broader Possibilities*

Product Introduction

Meta-aramid filament yarn is a high-performance synthetic fiber known for its excellent heat resistance, inherent flame retardancy, chemical stability and good mechanical properties. It maintains outstanding performance in harsh environments and is widely used in protective, industrial and technical textile applications.

Available Specifications



200D

Meta-Aramid
Filament Yarn



1200D

Meta-Aramid
Filament Yarn

- Stable Quality
- Customized Colors
- Samples Available
- Global Supply

*Your Reliable
Material Partner*

Typical Technical Data (Reference)

Property	200D	1200D	Test Method
Linear Density (Denier)	200 ± 10	1200 ± 60	ASTM D885
Filament Type	100F	600F	-
Tensile Strength (cN/dtex)	≥ 3.5	≥ 3.5	ASTM D2256
Tensile Modulus (cN/dtex)	≥ 70	≥ 70	ASTM D2256
Elongation at Break (%)	15-25	15-25	ASTM D2256
Heat Resistance (Long Term)	200-220°C	200-220°C	-
Limiting Oxygen Index (LOI)	≥ 28	≥ 28	ASTM D2863
Moisture Regain (%)	2.0-4.0	2.0-4.0	ASTM D570
Color	White, Green (others on request)	White, Green (others on request)	-

Note: The above data are typical values for reference only. Final values are subject to our factory's official TDS.

Application Areas



Personal Protective Equipment

Firefighting suits, heat-resistant clothing, protective gloves



Industrial Textiles

Thermal insulation, filters, expansion joints



Electrical Insulation

Cables, electrical tapes, insulating materials



Friction Materials

Brake pads, clutch facings, sealing materials



Composite Reinforcement

Honeycomb, prepregs, high-performance composites

