JABIL

Jabil Engineered Materials

Jabil Engineered Materials fills a void in the additive materials space by developing custom materials with unique properties that meet the specialized needs of our customers and applications.

FILAMENTS

ABS 1400 LW

ABS 1400 LW contains balanced properties that cause the material to lay flat and result in minimal warping.



PA 4035 CF

PA 4035 CF is ESD safe and provides greater stiffness, toughness, and strength over standard nylon and other similar materials in the market.



PA 4535 CF

PA 4535 CF is ESD safe and among the strongest PA co-polymer carbon fiber filaments available on the market, delivering increased strength and stiffness.



PETG

PETg has a strength, stiffness, and broad operating temperature range that makes it a dependable material for a multitude of projects.



PA 0600

PA 0600 filament is a polyamide/ polyketone alloy with high stiffness, good wear resistance, low friction and self-lubricating characteristics.



PA 4500

PA 4500 is a low warp, nylon copolymer that has good lay flat/ low warp properties, excellent appearance and strength in both



PC 1500 FR

PC 1500 FR is a flame-retardant, easy printing polycarbonate manufactured for parts in the aerospace and automotive industries.



PETG 0800 ESD

PETg 0800 ESD ieSDissipative (ESD) printing parts that meet sensitive electronics and is good for jigs,



For additional information, visit jabil.com/additive

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PLA 3100

PLA (Polylactic Acid) is a biodegradable, sustainable and food safe polymer made from organic sources, available in

open platforms.

TPE SEBS 1300 95A

TPE SEBS 1300 95A has elasticity for applications that require a blend of flexibility and rigidity.

PA 4000

A very durable nylon powder, PA 4000 has well-balanced material characteristics that are ideal for a wide variety of applications.

Color: White

PK 5000

Our PolyKetone is an eco-friendly and non-toxic engineered polymer that provides the perfect balance of key mechanical properties resulting in a polymer that's strong, tough and ductile.

Color: Dark Gray

TPE SEBS 1300 85A

TPE SEBS 1300 85A has low moisture absorption and elasticity for applications that require high flexibility and durability.

TPU 90A

TPU 90A provides improved impact strength and is ideal when low scratch and mar or a soft touch feel is needed.

PA 4050 GB

PA 4050 GB has well-balanced material characteristics that are ideal for applications that require durable, high-quality parts with

Color: Gray

PLA 3110P

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ADDITIVE PELLETS

ABS 1400 LW

ABS 1400 LW contains balanced properties that cause the material to lay flat and result in minimal warping.

Colors: Natural, Black

PA 4535 CF

PA 4535 CF is ESD safe and among the strongest PA co-polymer carbon fiber filaments available on the market, delivering increased strength and stiffness.

Color: Black

PETG

PETg has a strength, stiffness, and broad operating temperature range that makes it a dependable material for a multitude of projects.

Color: Natural

PA 0600

PA 0600 filament is a polyamide/ polyketone alloy with high stiffness, go.4 (i5(c)-7.3c -0.6lo)-2-0.6lo4.4 (f)-3.1 (n).6lo4.4 (fs-3.9 (t)97 (i)-54 (h)-3.1 (n7.2 (tc)-6.2 (m)-01.8))-7.5 lf pw (i)3.1 (n)-3.9 (i)-19.6c auf02

Color:

COMPARISON CHARTS

FILAMENTS

UTS (MPa) Orientation	Tensile Modulus (MPa) Orientation	EaB (%) Orientation	Un

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Jabil (NYSE: JBL) is a manufacturing solutions provider with over 250,000 employees across 100 locations in 30 countries. The world's leading brands rely on Jabil's unmatched breadth and depth of end-market experience, technical and design capabilities, manufacturing knowhow, supply chain insights and global product management expertise. Driven by a common purpose, Jabil and its people are committed to making a positive impact on their local community and the environment.