

Toughened materials for common use

PolyMax™ PLA



Key Features

Extremely tough PLA
Excellent printability
Prints reliably.

Applications

Can be used to print jewelry, headphones and other more mechanical parts.

PolyMax™ PETG



Key Features

Extremely tough PETG
Excellent all-rounder
Good layer adhesion.

Applications

Can be used for a wide range of applications covering functional prototyping, end-use product, brackets, spare parts, home gadget and robotic parts.

PA (Nylon) material solution

PolyMide™ CoPA



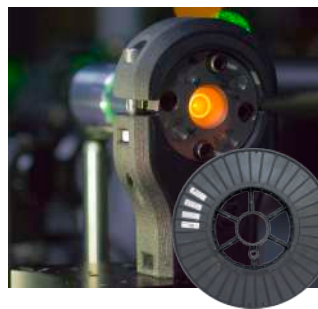
Key Features

High heat resistance
Balanced mechanical properties
Dimensionally stable during printing.

Applications

Used for very demanding mechanical parts such as gears, brackets or pipe connectors.

PolyMide™ PA6-CF



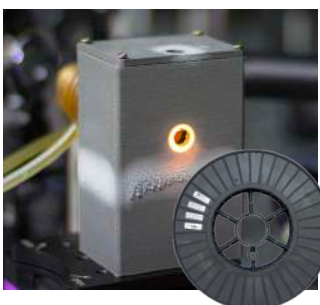
Key Features

High heat deflection temperature
Excellent isotropic rigidity
Excellent dimension stability during printing.

Applications

Can be used for bicycle pedals, brackets, jigs, ESD safe fixtures, drone frames, prosthetics or handles.

PolyMide™ PA6-GF



Key Features

High heat resistance
Excellent isotropic mechanical properties
Excellent dimension stability.

Applications

Used for drill handles, brackets, jigs, fixtures, drone frames, prosthetics or handles.

PolyDissolve™ S1



Key Features

Compatible with multiple materials
Good solubility
Excellent support interface.

Applications

Art sculptures, figurines, models with internal cavities, all-in-one mechanisms or architectural models.

Support material

PC (polycarbonate) material solution

PolyMax™ PC



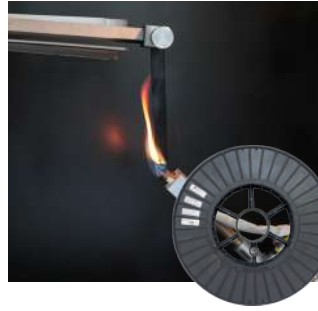
Key Features

Extremely tough PC
Heat resistant
Good layer adhesion.

Applications

Jigs and fixtures, small motor brackets, drones, 3d printed parts or combat robot functional parts.

PolyMax™ PC-FR



Key Features

Flame retardant
Strong and tough
Heat resistant.

Applications

Automotive, railway, aerospace and marine.

Polymaker™ PC-ABS



Key Features

Excellent toughness and heat resistant
Good surface finish
Compatible with metal plating.

Applications

Ideal for automotive interior parts such as dashboard, door handles or instrument panel.

Polymaker™ PC-PBT



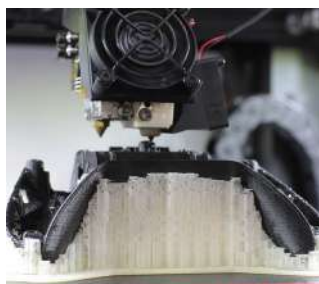
Key Features

Good mechanical and thermal properties
Good toughness at low temperature
Good chemical resistance.

Applications

Ideal for automotive exterior parts such as bumpers, roof rail brackets or door handles.

PolyDissolve™ S2



Support material

Key Features

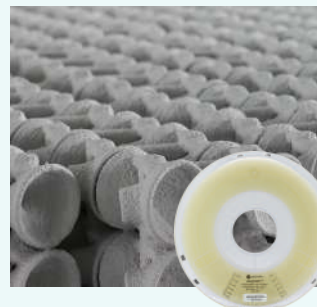
Compatible with multiple materials
Good solubility in warm alkaline water
Excellent support interface.

Applications

Models with internal cavities, all-in-one mechanisms, complex shape brackets or connectors.

Investment casting material

PolyCast™



Key Features

Burn out cleanly
Safe and easy to post process
Excellent printability.

Using method

Contrast with conventional casting.

Applications

Specifically designed to print 3d models for metal investment cast.