



# FILAMENTS & ACCESSORIES

For 3D printers



**M.G. Chemicals Ltd.**

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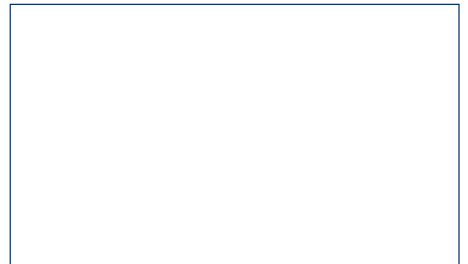
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# ABS

## 3D Filaments

Preferred by engineers and professionals because of its higher temperature resistance, machinability, flexibility, and strength. Being a petroleum based plastic, the slight odor given off when heated may make this less desirable for home use. ABS requires a heated print bed for use, so make sure your printer is suitably equipped before trying ABS.

### 0.5 kg 1.75 mm

Cat. No.	Color
ABS17TL5	Translucent
ABS17WH5	White
ABS17BK5	Black
ABS17RE5	Red
ABS17YE5	Yellow
ABS17GR5	Green
ABS17BL5	Blue
ABS17OR5	Orange
ABS17PU5	Purple
ABS17GY5	Grey
ABS17PI5	Pink
ABS17BR5	Brown
ABS17GO5	Gold
ABS17SI5	Silver
ABS17GD5	Glow in the Dark
ABS17SK5	Light Skin
ABS17NA5	Navy
ABS17LI5	Lime

### 0.5 kg 3.0 mm

Cat. No.	Color
ABS30TL5	Translucent
ABS30WH5	White
ABS30BK5	Black
ABS30RE5	Red
ABS30YE5	Yellow
ABS30GR5	Green
ABS30BL5	Blue
ABS30OR5	Orange
ABS30PU5	Purple
ABS30GY5	Grey
ABS30PI5	Pink
ABS30BR5	Brown
ABS30GO5	Gold
ABS30SI5	Silver
ABS30GD5	Glow in the Dark
ABS30SK5	Light Skin
ABS30NA5	Navy
ABS30LI5	Lime

### 1 kg 1.75 mm

Cat. No.	Color
ABS17TL1	Translucent
ABS17WH1	White
ABS17BK1	Black
ABS17RE1	Red
ABS17BL1	Blue

### 1 kg 3.0 mm

Cat. No.	Color
ABS30TL1	Translucent
ABS30WH1	White
ABS30BK1	Black
ABS30RE1	Red
ABS30BL1	Blue

# HIPS

## 3D Filaments

High Impact Polystyrene. Used to make support structures that can be dissolved in d-limonene without affecting the PLA or ABS object being printed. Print temperature: approximately 235°C. Print bed temperature: approximately 115°C (239°F).

### 0.5 kg

Cat. No.	Color	Diameter
HIP17WH5	White	1.75 mm
HIP30WH5	White	3.0 mm

# PLA

## 3D Filaments

The optimal choice for use in homes, schools, and hobbyists. Based on corn, this product biodegrades. It gives off a mild non-offensive sweet smell when heated, making this product suitable for home use. It does not require a heated print bed, and it easily adheres to masking tapes. It is very hard, acetone resistant, and when properly utilized can achieve faster print speeds and lower layer heights than ABS.

### 0.25 kg 1.75 mm

Cat. No.	Color
PLA17TL25	Translucent
PLA17WH25	White
PLA17BK25	Black
PLA17RE25	Red
PLA17YE25	Yellow
PLA17GR25	Green
PLA17BL25	Blue
PLA17OR25	Orange
PLA17PU25	Purple
PLA17GY25	Grey
PLA17PI25	Pink
PLA17BR25	Brown
PLA17GO25	Gold
PLA17SI25	Silver
PLA17GD25	Glow in the Dark
PLA17SK25	Light Skin
PLA17NA25	Navy
PLA17LI25	Lime

### 0.25 kg 3.0 mm

Cat. No.	Color
PLA30TL25	Translucent
PLA30WH25	White
PLA30BK25	Black
PLA30RE25	Red
PLA30YE25	Yellow
PLA30GR25	Green
PLA30BL25	Blue
PLA30OR25	Orange
PLA30PU25	Purple
PLA30GY25	Grey
PLA30PI25	Pink
PLA30BR25	Brown
PLA30GO25	Gold
PLA30SI25	Silver
PLA30GD25	Glow in the Dark
PLA30SK25	Light Skin
PLA30NA25	Navy
PLA30LI25	Lime

### 0.5 kg 1.75 mm

Cat. No.	Color
PLA17TL5	Translucent
PLA17WH5	White
PLA17BK5	Black
PLA17RE5	Red
PLA17YE5	Yellow
PLA17GR5	Green
PLA17BL5	Blue
PLA17OR5	Orange
PLA17PU5	Purple
PLA17GY5	Grey
PLA17PI5	Pink
PLA17BR5	Brown
PLA17GO5	Gold
PLA17SI5	Silver
PLA17GD5	Glow in the Dark
PLA17SK5	Light Skin
PLA17NA5	Navy
PLA17LI5	Lime

### 0.5 kg 3.0 mm

Cat. No.	Color
PLA30TL5	Translucent
PLA30WH5	White
PLA30BK5	Black
PLA30RE5	Red
PLA30YE5	Yellow
PLA30GR5	Green
PLA30BL5	Blue
PLA30OR5	Orange
PLA30PU5	Purple
PLA30GY5	Grey
PLA30PI5	Pink
PLA30BR5	Brown
PLA30GO5	Gold
PLA30SI5	Silver
PLA30GD5	Glow in the Dark
PLA30SK5	Light Skin
PLA30NA5	Navy
PLA30LI5	Lime

### 1 kg 1.75 mm

Cat. No.	Color
PLA17TL1	Translucent
PLA17WH1	White
PLA17BK1	Black
PLA17RE1	Red
PLA17BL1	Blue

### 1 kg 3.0 mm

Cat. No.	Color
PLA30TL1	Translucent
PLA30WH1	White
PLA30BK1	Black
PLA30RE1	Red
PLA30BL1	Blue

# ACCESSORIES

For 3D Printer

## POLYIMIDE TAPE

2 mils thick with a silicone adhesive designed for heated platforms on 3D printers. Works excellent with ABS and HIPS filaments.

Cat. No.	Description	Diameter
POL100-15	High Temperature Polyimide Tape	10 cm X 15 m (4 in X 49 ft)
POL200-15	High Temperature Polyimide Tape	20 cm X 15 m (8 in X 49 ft)

## MASKING TAPE

6 mils thick with a rubber adhesive designed for heated platforms on 3D printers. Works excellent with PLA.

Cat. No.	Description	Diameter
MAS100-15	High Temperature Masking Tape	10 cm X 15 m (4 in X 49 ft)
MAS200-15	High Temperature Masking Tape	20 cm X 15 m (8 in X 49 ft)

## D-LIMONENE

Used for dissolving HIPS (High Impact Polystyrene) when used as support material for 3D printing. Also an excellent cleaner degreaser and can be reduced with water.

Cat. No.	Description	Diameter
433-1L	d-Limonene (pure grade)	945 ml (32 fl. oz)
433-4L	d-Limonene (pure grade)	3.78 L (1 gal)

## ACETONE

Used for making ABS slurries, bonding ABS parts, creating high gloss on ABS through brushing or vapor systems.

Cat. No.	Description	Diameter
434-1L	Acetone	945 ml (32 fl. oz)
434-4L	Acetone	3.78 L (1 gal)