



King KPC ABS FR FAQ

What is King KPC ABS FR?

The advantage of King KPC ABS Black FR is that this Flame Retardant material combines strength and rigidity of the acrylonitrile and styrene polymers with the toughness of the polybutadiene rubber. A variety of modifications have been made to improve impact resistance, toughness and heat resistance. The impact resistance does not fall off rapidly at low temperatures and stability under load is excellent with limited loads. King KPC ABS Black FR is considered superior for its hardness, gloss, toughness, and electrical insulation properties. KPC ABS Black FR is easily machinable and is available in smaller sizes. It is extensively used in prototyping, the modeling industry and other mechanical applications.

What type of finish?

Smooth finish on both sides.

What colors are available?

King KPC ABS FR is available in Black. Custom colors are available. Please call Customer Service at 941.493.5502.

Can you custom color match?

Yes. Please call Customer Service at 941.493.5502.

What sizes are available?

King KPC ABS FR standard sheet size is 48" x 96". Standard gauges are 1/2", 5/8", 3/4", 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2", and 3". Custom sheet sizes and gauges available upon request. Please call Customer Service at 941.493.5502.

Is King KPC ABS FR available with a Flame Retardant?

Yes it is Flame Retardant to UL 94 V-O 5V.

What are the Features and Benefits of King KPC ABS FR?

- Easy to machine and fabricate



King Plastic Corporation

- Excellent dimensional stability
- Can be painted and glued
- Flame Retardant
- Improved impact resistance, toughness and heat resistance
- Superior hardness, toughness and electrical insulation properties

How to Care and Store?

- Store the sheets flat on a level surface
- Keep away from teak oil and other products that can stain the finish
- Use china markers or water-based markers to draw patterns
- Pen marks can usually be removed with household cleaners
- Keep away from heat sources that exceed 180°F
- Because there is no grain, parts can be cut from any area of the sheet
- Save the scraps for small parts, shims, spacers and plugs

What are common applications?

- Air Conditioning Components
- Industrial Enclosures
- Shelving
- Switches
- Transformer Housings

Can I use a CNC machine?

Yes

Will the material produce dust when fabricating?

No, only small shavings.

Can I use glue or paint?

Yes