



COSMETIC FILAMENT PROPERTIES

- Cost effective natural alternative
- Clean and free of debris
- Hypoallergenic
- Consistent in color and diameter
- Made with quality 6.12 resin
- Custom engineered to meet end use applications
- High chemical resistance
- Great wear characteristics

Cutting edge technology developed in one of MFI's state of the art manufacturing facilities spawned several patented fine diameter products for mascara and blusher brush applications. Products such as Synthetic Goat Hair® and Heavy Amplitude® have truly revolutionized the industry and have sustained MFI at the forefront of developing technology in the cosmetic brush industry. All cosmetic products are manufactured from quality polymers for superior performance in all applications. Products are available in a number of cross sections, profiles, colors and dimensions to meet a wide variety of applications. All filaments are closely monitored for consistency in quality and performance, meeting or exceeding the requirements and expectations needed in the industry.

SOLID ROUND ●

Designed specifically for cosmetic applications, MFI's Fine Line fibers are made from Nylon 6.12 resin and range in diameters from .0027 to .005". Solid Round fibers offer superior performance through excellent abrasion resistance and bend recovery. Available in hanks or cut to length, this product is well suited for blusher applications.

HOLLOW ○

When quality products are required at an economical price, hollow Nylon 6.12 materials are the products of choice. This hollow tapered material can increase bulk density by as much as 30% with improved material pick up and release capabilities over standard solid products. A variety of sizes and tapered ratios are available to meet specific applications.

SYNTHETIC GOAT HAIR® ●

Developed out of the need to replace natural material, this synthetic alternative is hard to beat. This material is similar to its natural counterpart in look, feel and performance without the uncertainty of world supply and undesirable byproducts sometimes found in natural products.

HEAVY AMPLITUDE ●

The same as solid round products, this product has a unique crimp which enhances performance by increasing applicator surface area. This allows the product to pick up substantially more product volume. The heavy crimp also increases bulk density decreasing the amount of material normally needed to produce similar surface areas.



**Monahan
Filaments**

Engineering Creative Solutions

**COSMETIC
FIBERS**

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SPOKED HOLLOW

The unique cross section inherent in this product enhances its overall performance through increased surface area. Similarly, this profile increases applicator surface areas resulting in increased material pick up capabilities. This material also weighs 35% less than traditional hollow material with increased surface areas.

HONEYCOMB

The unique cross section of this fiber creates greater surface area while maintaining necessary strength. The fiber is also much lighter than other hollow cross sections and exhibits excellent flag ability.