

PSU Masterbatch

Colors for High-Temperature Injection Molding Applications

Product Description

PSU colorants from Colorant Chromatics can color polyphenylsulfone resin used in high-temperature injection molding applications. PSU offers excellent resistance to heat, fire and oxidation, which makes it ideal for a variety of applications in industries such as aerospace, automotive, telecommunications and healthcare.

These PSU colorants help boost color consistency and streamline product development for increased speed to market. Formulations are heavy metal-free and manufactured using state-of-the-art pigment dispersion techniques that improve homogenization and color distribution during injection molding.



Value to Your Business

Why Colorant Chromatics PSU colorants?

Colorant Chromatics PSU colorants can support your business by:

Improving Inventory Control:

- Opaque PSU masterbatches are available with short lead times and a range of readily available standard colors, with minimum order quantities as low as 5kg (10lbs). Order what you need, when you need it.

Improving Production Efficiencies:

- Consistent coloring and improved homogenization with the polymer offer more efficient processing and reduced waste.

Providing Flexibility to Differentiate into New Markets:

- Robust colorant formulations cause zero disruption to existing molding processes enabling manufacturers to take new products to market faster without needing to invest in new machinery.



Features and Colors

PSU colorants are manufactured using 100% prime virgin PSU resin and color specifications are controlled using the L,a,b color system.

There are ten standard colors in this range. Custom colors and pigment loadings can be developed for specific applications.

Standard Colors			
Product	Color	LDR ¹	Pantone No ²
660.00	Black	6%	Black 6C
660.01	Brown	6%	7582C
660.02	Red	8%	7620C
660.03	Orange	6%	1505C
660.04	Yellow	6%	124C
660.05	Green	6%	348C
660.06	Blue	6%	660C
660.07	Violet	15%	7664C
660.08	Grey	6%	Cool Gray 8C
660.09	White	6%	RAL9010

¹ Recommended addition rates. Color will vary depending on the coloration design requirements and the end product thickness.

² Pantone reference is the closest possible.

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