

PPSU Masterbatch

Colors for High-Temperature Injection Molding Applications

Product Description

PPSU colorants from Colorant Chromatics can color polyphenylsulfone resin used in high-temperature injection molding applications. PPSU 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 PPSU 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 PPSU colorants?

Colorant Chromatics PPSU colorants can support your business by:

Improving Inventory Control:

- Opaque PPSU 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

PPSU colorants are manufactured using 100% prime virgin PPSU 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
650.00	Black	10%	433C
650.01	Brown	10%	7615C
650.02	Red	10%	186C
650.03	Orange	5%	1495C
650.04	Yellow	10%	142C
650.05	Green	10%	2248C
650.06	Blue	10%	278C
650.07	Violet	20%	2073C
650.08	Grey	10%	Cool Gray 7C
650.09	White	10%	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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