



## » PRODUCT BULLETIN

# Colorant Chromatics™ PEI Masterbatch Colors for High-Temperature Injection Molding Applications

Colorant Chromatics™ PEI colorants are specifically designed to color polyetherimide (PEI) resin used in high-temperature injection molding applications.

Since PEI resin offers excellent resistance to heat and fire, and has very good dimensional stability, it is ideal for a variety of applications in industries such as aerospace, automotive, telecommunications and healthcare. Colorant Chromatics PEI colorants are designed specifically for use in these resins to 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.

### KEY CHARACTERISTICS

- Consistent coloring and improved homogenization with the polymer offer more efficient processing and waste reduction
- Opaque PEI masterbatches available with shorter lead times and a range of readily available standard colors
- Minimum order quantities as low as 5kg (10 lbs) for improved inventory control
- Robust colorant formulations mean no disruptions to existing molding processes, allowing manufacturers to bring products to market faster and without investing in new machinery

### FEATURES AND COLORS

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

Ten standard colors are available. Custom colors and pigment loadings can be developed for specific applications.





PRODUCT	COLOR	LDR*	PANTONE NO.**
680.00	Black	2%	Black 3C
680.01	Brown	6%	4625C
680.02	Red	15%	7621C
680.03	Orange	6%	1595C
680.04	Yellow	6%	605C
680.05	Green	6%	7732C
680.06	Blue	10%	7697C
680.07	Violet	15%	7665C
680.08	Grey	5%	7539C
680.09	White	12%	7499C

\* Recommended let down ratio addition rates.

Color will vary depending on the coloration design requirements and the end product thickness.

\*\* Pantone reference is the closest possible match.

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