

➤ PRODUCT BULLETIN & COLOR CARD

Colorant Chromatics™ Transcend™ Premier Healthcare Colorants

Colorant Chromatics™ Transcend™ Premier Healthcare Colorants offer ultra-high heat resistance and sophisticated color options for medical applications. These colorants are based in polysulfone resins which can withstand up to 1,000 autoclave cycles and high heat sterilization to 150°C, as well as hold up to the effects of harsh cleaning agents. Customized formulations for other high-performance resins are also available.

With a range of aesthetically pleasing colors, Transcend Healthcare Premier Colorants are available in transparent or opaque options. Solutions can also be customized with functional additives to meet other end-use product needs, including performance enhancements such as laser marking.

The Transcend line of high-performance colorants features solid opaque colors and transparent colors that consist of bright, vibrant tones. These serve to counteract the undesirable natural amber color of polysulfones, improving product appearance.

Transcend Healthcare Colorants are available with low minimum order quantities and full technical and customer service support.

KEY CHARACTERISTICS


- Can be formulated for PESU, PPSU, and PSU
- 43 standard colors as well as custom colors available
- Ultra-high heat resistance
- Based on raw materials pretested per ISO 10993
- Range of brilliant, vibrant colors
- Based on raw materials compliant with food contact
- Customizable with functional additive solutions
- Based in polysulfone resins for ultra-high performance; may be formulated for other resin types
- Low minimum order quantities available

MARKETS AND APPLICATIONS

Transcend colorants are formulated specifically for the healthcare market, and ideal for applications such as:

- Dental tools and equipment
- Surgical robots
- Surgical lighting
- Diagnostic equipment

TRANSPARENTS

	NAME	COLOR FAMILY	COLOR CODE
	Transparent Blue Violet	Violet	PPT6730-4005
	Transparent Aquamarine	Blue	PPT6730-5018
	Transparent Teal Green	Green	PPT6730-564C
	Transparent Optimal Yellow	Yellow	PPT6730-458C
	Transparent Energy Orange	Orange	PPT6730-150C
	Transparent Crimson	Red	PPT6730-2009
	Transparent True Gray	Gray	PPT6730-7001

OPAQUES

	Linen White	White	PPO6730-9010
	Hygienic White	White	PPO6730-9001
	Ice Gray	Gray	PPO6730-5C
	True Gray	Gray	PPO6730-424C
	Shadow	Gray	PPO6730-446C
	Gunmetal	Gray	PPO6730-426C
	Black	Black	PPO6730-6C
	Powder Blue	Blue	PPO6730-2127C
	Smoky Blue	Blue	PPO6730-7682C
	Bright Azure	Blue	PPO6730-653C
	Cobalt	Blue	PPO6730-5002
	Navy	Blue	PPO6730-5004
	Aquamarine	Blue	PPO6730-7699C
	Blue Violet	Violet	PPO6730-7456C
	Emerald	Green	PPO6730-6016
	Clover	Green	PPO6730-7723C
	Optimal Yellow	Yellow	PPO6730-459C
	Energy Orange	Orange	PPO6730-2000
	Crimson	Red	PPO6730-3000

Colors may vary from actual color shown. Samples are recommended. Custom and special effect colors available on request. Restrictions on applications apply. Users of this product are responsible for determining the suitability of Avient products for their particular applications.

	NAME	COLOR FAMILY	COLOR CODE
OPAQUES	Marigold	Yellow	RPO6750-1006
	Lime	Yellow Green	RPO6750-389C
	Royal Blue	Blue	RPO6750-5005
	Mist Gray	Gray	RPO6750-7035
	Overcast	Gray	RPO6750-7042
	Deep Charcoal	Black	RPO6750-9004
	Storm Gray	Gray	RPO6750-7015
	Tin	Gray	RPO6750-7004
	Tangerine	Orange	RPO6750-2004
	Ginger	Orange	RPO6750-2000
	Manilla	White	RPO6750-1013
	Pine Green	Green	RPO6750-6029
	Sea Green	Green	RPO6750-3262
	Indigo	Violet	RPO6750-7668C
	Nut Brown	Brown	RPO6750-8008
	Chocolate	Brown	RPO6750-8017
	Chili Pepper	Red	RPO6750-3000

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