

For
ARCHITECTURAL
applications



We render **LIFE**
to your coatings

UNICOLOR 692

UNICOLOR 692 is a range of 16 high performance colorants for Universal point of sale applications, which are utilized as machine colorants. We at Tinting Systems Company have developed this product in keeping with the current market demands and trends. This product strives to generate maximum output while ensuring cost-effectiveness and high productivity.

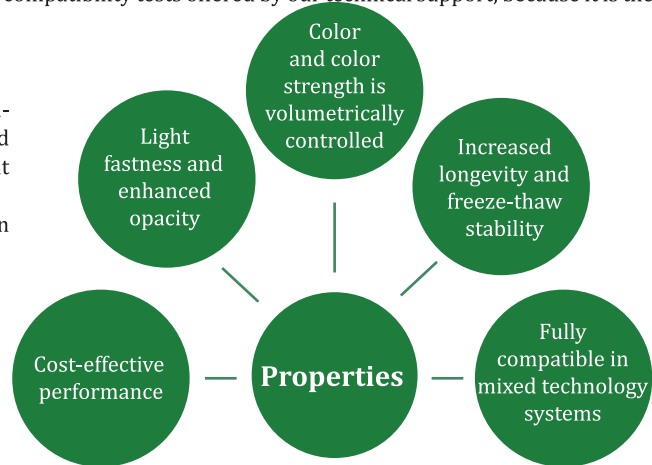
The color and the color strength of the UNICOLOR 692 colorants are volumetrically controlled, lending a major advantage of modularity, giving precise control over the configuration, and accurate reproducibility and repeatability of the mixed shades. However, the changes made in the base paint formulations must be frequently checked using compatibility tests offered by our technical support, because it is the key to color fidelity.

Chemistry and Compatibility

The highlight of UNICOLOR 692 Pigment preparations is its compatibility with all the bases used in the market. Compatible with mixed technology systems, it can be used in combination with both solvent and water based paints.

These colorants meet the performance needs of the following modern coatings:

- Latex paints
- Acrylic paints
- Long oil
- Medium oil alkyds
- Enamels
- Wood stains
- PVA emulsions
- Styrene-butadiene emulsions



Apart from the compatibility, these colorants have excellent rheological properties. They are Newtonian fluids with stable consistency and adequate viscosity values. These properties reduce the cost of production and maintenance, improving the performance of tinting machines. The colorant consumption is minimized and outstanding outdoor properties, like washability are obtained.

Technical and Coloristic Support

- Compatibility tests
- Maintenance of databases
- Accelerated weathering tests
- Consultancy on equipment and all system implementation steps
- Testing and adjusting of base materials

















Stellar Properties and Application

The UNICOLOR 692 range of colorants does not compromise performance for achieving cost-effectiveness. In fact, it has brilliant properties like high opacity, light fastness, accuracy in pastels and modularity. The high opacity increases the concealing power of the paint, which eliminates the need for multiple paint coats.

Every colorant in this range is miscible with every other colorant in any ratio and proportion, to generate a multitude of color shades that cover the entire spectrum of visible light. The low content of VOC (Volatile Organic Compounds) and the absence of APE's (Alkyl Phenol Ethoxylates) confer the product with environmentally friendly properties. The presence of glycol contributes to its resistance to repeated freeze-thawing and harsh weather conditions. Therefore, UNICOLOR 692 has commendable longevity and shelf life. Moreover, we also provide our software as a support system for this product.

UNICOLOR 692

TECHNICAL DATA SHEET

Shades	Code	Description	Color Index	Pigment %*	Light** Fastness		Weather** Fastness		Specific Gravity gm/c ³	Composition by weight %			Resistance	
					Tint	Full	Tint	Full		Pigment Solid	Vehicle	Volatile	Alkali	Acid
	XT-692	White	PW 6	65	8	8	5	5	2.00	68.00	7.00	25.00	5	5
	VT-692	Red Oxide	PR 101	48	8	8	5	5	1.90	55.00	11.00	34.00	5	5
	ST-692	Brown Oxide	PY42/PR 101/ PBk 7	35	8	8	5	5	1.61	54.00	12.00	34.00	5	5
	PT-692	Orange	PR 168	10	8	8	5	5	1.34	40.00	12.00	48.00	5	5
	TT-692	Black	PBk 7	7	8	8	5	5	1.35	40.00	10.00	50.00	5	5
	LT-692	Light Green	PG 36	10	8	8	5	5	1.43	40.00	15.00	45.00	5	5
	KS-692	Yellow	PY 74	19	7-8	6-7	4-5	3	1.35	48.00	8.00	44.00	5	5
	FT-692	Violet	PV 23	2	8	8	5	4	1.36	37.00	17.00	46.00	5	5
	RT-692	Yellow Oxide	PY 42	56	8	8	5	5	1.8	54.80	7.20	38.00	5	5
	HS-692	Bordeaux	PV19	15	7	7	4-5	3-4	1.16	23.00	18.00	59.00	5	5
	LS-692	Dark Green	PG 7	20	8	8	5	5	1.20	38.00	14.00	48.00	5	5
	MS-692	Dark Blue	PB 15:3	27	8	8	5	5	1.22	38.00	12.00	50.00	5	5
	MT-692	Light Blue	PB 15:4	6	8	8	5	5	1.20	39.00	13.00	48.00	5	5
	RS-692	Red	PR 112	22	7-8	6	4-5	3	1.27	44.00	11.30	44.70	5	5
	US-692	Orange Yellow	PY 83	30	7-8	6-7	4	3	1.28	46.00	12.00	42.00	5	5
	ZT-692	Yellow	PY 138	12	7	7-8	4-5	4	1.40	46.00	10.00	44.00	5	5

Guidance figures only and may differ since the colorants are adjusted on their colorimetric properties.
 Information given by pigment supplier - For guidelines only -
 Customers are encouraged to conduct their own tests.
 This information is proposed without warranty, representation, inducement or license of any kind including.
 It is made following the best TSC knowledge or obtained from sources believed to be accurate, and does not assume any legal responsibility.
 For more information please see Safety Data Sheet.



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