

# MASTERLINE 322

## TECHNICAL DATA SHEET

Shade	Code	Description	Color Index	Pigment* Content %	Light** Fastness		Weather** Fastness		Specific* Gravity gm/c <sup>3</sup>	Heat ** Resistance (°C)	Vis.** (Poise) @30°C	Migration**
					Full	Reduced	Full	Reduced				
	1013-322	Oyster White	PW 6/PY 42	62	8	8	5	5	1.85	200	17±5	5
	1014-322	Ivory	PW6/PBk7/PY42/PR101	65	8	8	5	5	1.8	200	17±5	5
	1015-322	Light Ivory	PW6/PBk7/PY42/PR101	56	8	8	5	5	1.67	200	17±5	5
	7002-322	Olive Grey	PW6/PY42	66	8	8	5	5	1.80	200	5-10	5
	7045-322	Telegrey 1	PW6/PBk7	58	8	8	5	5	1.75	200	15-20	5
	7042-322	Traffic Grey A	PW6/PBk7	66	8	8	5	5	1.75	200	15-20	5
	1003-322	Signal Yellow	PY34/PY170	50	6-7	5-6	4-3	3	1.60	250	10-15	5
	5002-322	Ultramarine Blue	PB 15:6	13	8	8	5	5	1.15	200	15-20	5
	5010-322	Gentian Blue	PB 15:3/PW6	25	8	8	5	5	1.17	200	15-20	5
	5005-322	Signal Blue	PB 15:1/PW6	27	8	8	5	5	1.35	200	15-20	5
	3001-322	Signal Red	PR 170/PR48:2	16	7	5-6	4	2-3	1.10	160	5-10	4
	3004-322	Purple Red	PR48:2/PY42	20	6	5	3	2	1.10	200	5-10	4
	6026-322	Opal Green	PG7/PW6/PB15:3	33	8	8	5	5	1.27	200	15-20	5
	6012-322	Black Green	PG7/PW6/PBk7/PY42	34	8	8	5	5	1.27	200	15-20	5
	6014-322	Yellow Olive	PY42/PR101/PBk 7	57	8	8	5	5	1.27	200	15-20	5
	2009-322	Traffic Orange	PO36/PY42	16	8	7-8	5	4	1.10	160	5-10	4
	9005-322	Jet Black	PBk7	30	8	8	5	5	1.12	200	5-20	5
	3020-322	Traffic Red	PR168	16	8	8	5	5	1.10	180	5-10	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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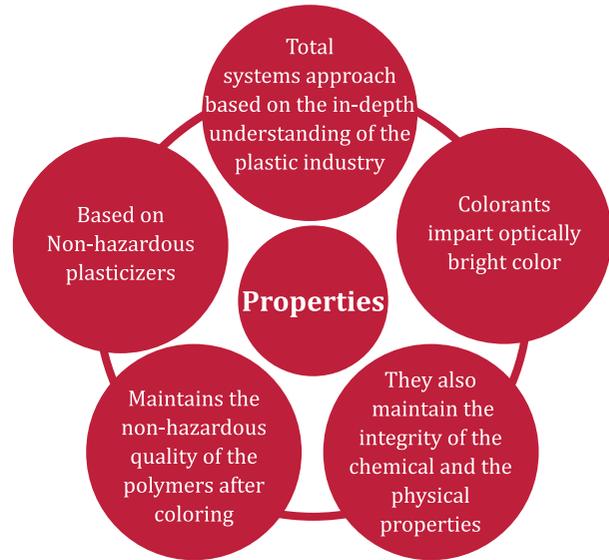


# MASTERLINE 322

The wide range of applications of plastics and polymers and their versatility gives way to a widespread demand for efficient and cost effective pigment paste. As coloring is a crucial step in the development and manufacturing of plastics, high performance colorants that enhance the properties of the material are vital for the product to be of high quality. Among their stellar properties is its 'color on demand' system that adapts to every minute need of our customers while reducing wastage and increasing cost efficiency.

## Applications

- MASTERLINE 322 range of Colorant's has been especially designed for PV cables, pipes and electrical wires, PVC carpets, which is ideal for PVC industry.
- Rubbers and Sealants



This product takes special emphasis on customers shade requirement. we provide direct RAL shades which can be used in customers product directly to achieve final shade without any tinting.

After careful analysis and collecting in-depth knowledge about the thermoplastic resins and compound technologies, we have formulated out new range of colorants for a total color design and control system for PVC Industry called MASTERLINE 322.

## Salient Features

MASTERLINE 322 is a range of high performance and cost effective pigment pastes, developed especially for PV Cables, Pipes, Electrical wires and PVC carpets. These colorants are in a conveyable liquid state, which is ideal for the PVC industry. The liquid state also helps the colorants to perform as a veining color.

Moreover, they have excellent dispersion qualities that let the polymer have higher optical brightness. These enhanced properties of the colorants help decrease the cost of the production without compromising the efficiency of the product. The pigments for the particular product are selected based on the end application of the product. The colorants combine seamlessly with each other to generate a wide range of vibrant colors.

## Benefits

- Total system approach based on in-depth understanding of the plastics industry
- Increases efficiencies, reduces costs
- Maintains full material integrity
- Technical support at every step

## Exceptional Applications

MASTERLINE 322 has a total systems approach based on the in-depth understanding of the plastic industry to provide the right color critical of the success of your product. These colorants are entirely compatible with most of the resins and polymers used in the plastics industry. Not only do these colorants impart optically bright color to increase the aesthetic value of the product, but they also maintain the integrity of the chemical and the physical properties of the compounds.

Most importantly, MASTERLINE 322 maintains the non-hazardous quality of the polymers after coloring, rendering them safe for general utilization. The colorants have a long storage capacity, while maintaining the consistency and the stability of the solution. In addition, we also provide color-matching services aimed at comprehensive customer satisfaction.