






MASTERLINE 312

TECHNICAL DATA SHEET

Shade	Code	Description	Color Index	Pigment* Content %	Light** Fastness		Weather** Fastness		Specific* Gravity gm/c ³ ±0.05	Vis.* (Poise) @30°C	Temp.* (°C)
					Full	Reduced	Full	Reduced			
	Yellow G-312	Greenish Yellow	P.Y 14	13	6	5-6	4-5	4	1.04	15-20	180
	Red-312	Fast Red	P.R 48:2	13	6	5	4	3-4	1.19	10-15	200
	Blue-312	Phthalo Blue	P.B 15:3	15	8	8	5	5	1.04	15-20	300
	Green-312	Phthalo Green	P.G 7	15	8	8	5	5	1.14	15-20	300
	Black-312	Carbon Black	PBK7	20	8	8	5	5	1.13	15-20	300

*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 312

MASTERLINE 312 is the economical range of pigment pastes, specially developed for Polyurethane foams. It has been developed with extensive research and information gathered from years of experience. We have incorporated technical advancements developed in our own labs into this product to enhance the quality and the performance of the foams.

MASTERLINE 312 is incorporated with brilliant properties that help us fulfill all our client demands and market preferences with ease.

Phenomenal Features

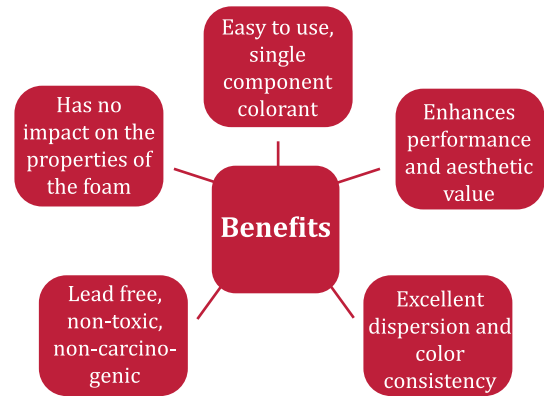
At Tinting Systems Company, we have technological provisions to manufacture PU foams. Therefore, we have performed various confirmatory tests to determine and enhance the effects and the features of MASTERLINE 312. After the manufacture, the colored foam was placed in an oven to check for the effects on the ageing properties, which were found to be improved. These colorants also accentuate the performance and provide thorough protection against chemical and physical exposure.

These pigments are especially designed to retain the delicate physical attributes of the foam. Their properties include chemical composition, thickness of the dodecahedron cells, solid-to-air ratio, concentration of the cell membranes and the non-hazardous nature.

MASTERLINE 312 prevents adverse effects on:

- Chemical Composition and the thickness of the dodecahedron cells
- The solid matter to air ratio
- The concentration of cell membrane
- Non-hazardous plasticizers

In addition to its vast repertoire of stellar properties, MASTERLINE 312 is free of toxic and environmentally detrimental chemical compounds like lead and carcinogens, making it safe for environmental utilization. We support and aid our customers through any queries and provide compatibility and dosage tests for MASTERLINE 312 colorants. Moreover, we also provide color blending support new colors to your foam. With excellent dispersion properties and consistency, the recommended dosage is a very strong 0.1% to 5% of the total system weight. Apart from being economical product its performance ratio is high.



Momentous Benefits

MASTERLINE 312 is a single component colorant system, making it relatively easier to use on foams than most of the colorants. They combine in any ratio and proportions to generate a myriad of vibrant shades of colors. These colorants have optimized formula, which on one hand is economic due to reduced usage, and on the other hand, it provides vivid coloring, deep color saturation and great consistency. These colorants also have the capability of delivering a dramatic coloring effects when mixed at higher proportions, when need be.

Applications

- MASTERLINE 312 colorants are formulated for the manufacturers of PU foam, low-density foam, packaging foam, promotional cosmetic display foams, carpet cushioning, textile and fiber foams etc.
- Mix formula in any ratio and combine to deliver your required shades