

PRODUCT DESCRIPTION	
Super-dispersible, transparent, colour-rich pigment preparation	
Color Index	Pigment Blue 15:3
C.I. No.	74160
Chemical Type	Cu-Phthalocyanine Blue Beta mode
CAS No.	147-14-8





FIELDS OF APPLICATION
<ul style="list-style-type: none"> ● Ease of dispersion enhances productivity ● Metallic base coats in industrial paints ● Candy tone finishes for two wheeler ● UV cure coatings ● Liquid inks

OPTICAL PROPERTIES
<ul style="list-style-type: none"> ● High transparency ● Rich chroma ● High gloss ● Low haze ● Low dulling and graying upon intermixing with other Monolite TR preparations

SUITABLE RESIN SYSTEMS
Alkyd-melamine, polyester-melamine, thermosetting acrylic, acrylic-urethane

LOADING
Dispersion at 2~5 % loading of in a suitable resin provides a rich blue colour with excellent transparency for attractive candy effect when applied over silver base coat.

LIGHT FASTNESS
PB 15:3 is a light fast pigment. The weather fastness in the intended paint system needs to be evaluated prior to use.

FULL TONE (Over B/W)	REDUCTION (1:10)
	
	

TECHNICAL DATA		
Physical Appearance	Blue solid granules	
Density	1.3-1.5	DIN EN ISO 787-10

DISPERSION PROPERTIES
<ul style="list-style-type: none"> ● Dispersibility :- Easily dispersible in most resins with Cowles disperser after a soaking period. One sand mill pass may be required in some resins for maximising the transparency and richness of colour. ● Dispersion stability:-Paints based on Monolite TR Preparations show excellent stability of dispersion during shelf life as also during circulation in typical paint shop systems. ● Co- dispersion without dispersant:-This preparation can be co-ground with other normal powder pigments in media mills without any need for dispersing agent at all.

CLEAN COLOURS BY INTERMIXING
Due to their very fine particle size, these preparations upon intermixing to produce desired colour, show much less graying and dulling compared to the standard powder pigments.

HEAT FASTNESS
Suitable for baking finishes

OVERCOATING FASTNESS
Thermosetting acrylic coat pigmented with Monolite TR - Blue 303 PREPARATION when over coated with white topcoat and baked shows no pigment migration.

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