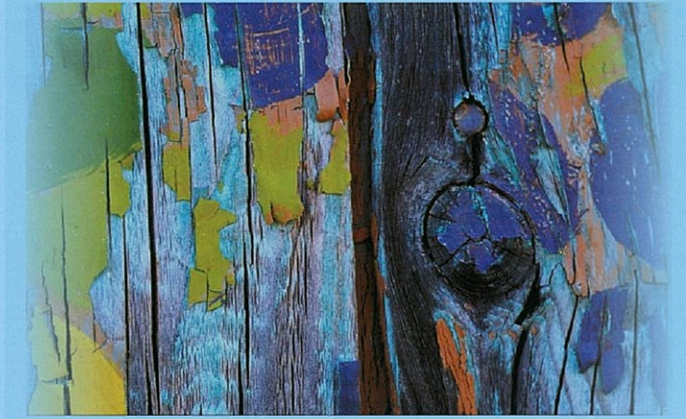


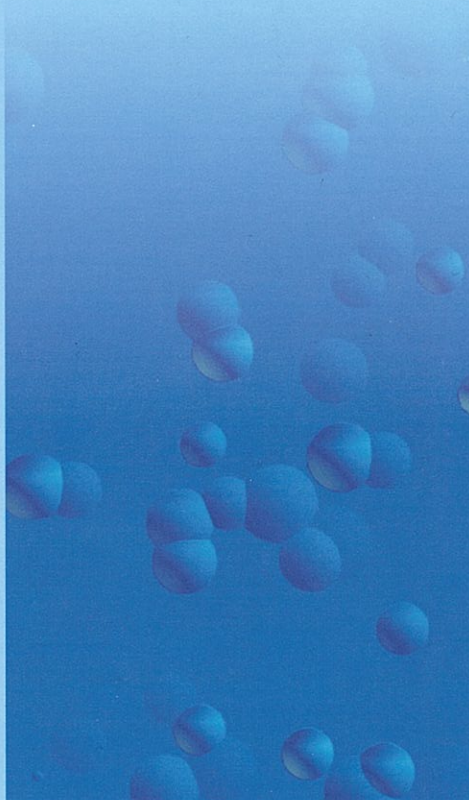


RAMDEV



Phthalo Pigments Product Technical Specification

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www.ramdevpigments.com

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2	Pigment Blue 15:3	RAMA FAST BLUE WP/L-328	OFFSET INK & WATER BASE-SYTEM	
3	Pigment Blue 15:3	RAMA FAST BLUE SP004	OFFSET INK & AIR DRYING PAINT	
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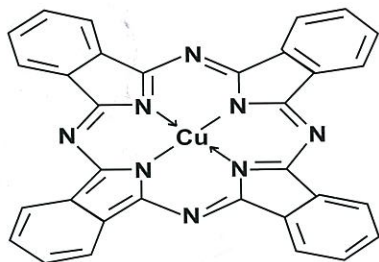


RAMDEV
CHEMICAL INDUSTRIES

RAMA FAST BLUE WP/L-143

Chemical Class : Phthalocynine Blue
C.I. Name : Pigment Blue 15:3
C.I. No. : 74160

Reddish Blue clean shade high tinctorial strength.
Good dispersibility & excellent fastness properties.



Full shade

PRODUCT SPECIFICATION:

Physical Data:

Physical Form : Powder/Press cake
Bulk Density (g/CC) : 0.32 - 0.34
Oil Absorption (g/100g) : 34 - 38
pH of 10% extracts : 6.5 - 8.5

Heat Stability : 240 - 260° C

Resistance to Solvent :

Water : 5
Xylene : 5
Toluene : 5
Butanol : 5
Ethyl cello solve : 4 - 5



Tint tone

Recommended for Plastic, Water Base System & Offset Inks application



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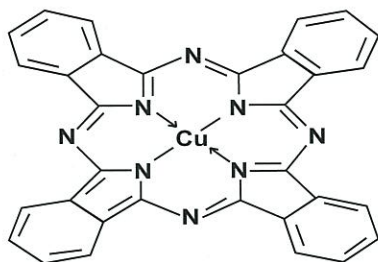


RAMDEV
CHEMICAL INDUSTRIES

RAMA FAST BLUE WP/L-328

Chemical Class : Phthalocynine Blue
C.I. Name : Pigment Blue 15:3
C.I. No. : 74160

Greener Blue clean shade, good rheological properties.
Good dispersibility & excellent fastness properties.



Full shade

PRODUCT SPECIFICATION:

Physical Data:

Physical Form : Powder/Press cake
Bulk Density (g/CC) : 0.33 - 0.35
Oil Absorption (g/100g) : 33 - 36
pH of 10% extracts : 6.5 - 8.5

Heat Stability : 240 - 260° C

Resistance to Solvent :

Water : 5
Xylene : 5
Toluene : 5
Butanol : 5
Ethyl cello solve : 4 - 5



Tint tone

Recommended for Offset Ink & Water Base Sytem application



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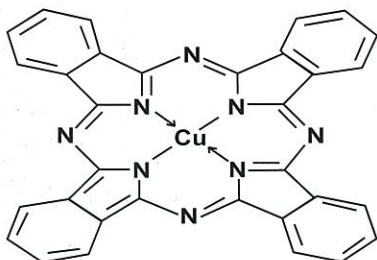


RAMDEV
CHEMICAL INDUSTRIES

RAMA FAST BLUE SP004

Chemical Class : Phthalocynine Blue
C.I. Name : Pigment Blue 15:3
C.I. No. : 74160

Greener Blue clean shade, excellent reological Properties.
Good dispersibility & excellent fastness properties



Full shade

PRODUCT SPECIFICATION:

Physical Data:

Physical Form : Powder/Press cake
Bulk Density (g/CC) : 0.38 - 0.40
Oil Absorption (g/100g) : 30 - 34
pH of 10% extracts : 6.5 - 8.5

Heat Stability : 240 - 260° C

Resistance to Solvent :

Water : 5
Xylene : 5
Toluene : 5
Butanol : 5
Ethyl cello solve : 5



Tint tone

Recommended for Offset Ink & Air Drying Paint application



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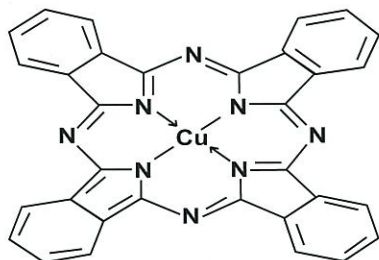


RAMDEV
CHEMICAL INDUSTRIES

RAMA FAST BLUE AP008

Chemical Class : Phthalocynine Blue
C.I. Name : Pigment Blue 15:3
C.I. No. : 74160

Greener Blue clean shade high tinctorial strength.
Good dispersibility & excellent fastness properties.



Full shade

PRODUCT SPECIFICATION:

Physical Data:

Physical Form : Powder/Press cake
Bulk Density (g/CC) : 0.39 - 0.41
Oil Absorption (g/100g) : 32 - 35
pH of 10% extracts : 6.5 - 8.5

Heat Stability : 240 - 260° C

Resistance to Solvent :

Water : 5
Xylene : 4 - 5
Toluene : 4 - 5
Butanol : 5
Ethyl cello solve : 5



Tint tone

Recommended for Solvent Base Inks & Paints application



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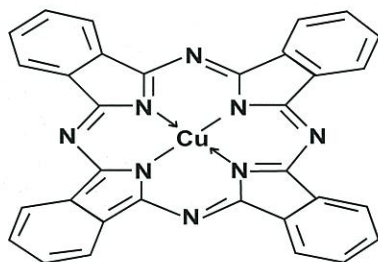


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CHEMICAL INDUSTRIES

RAMA FAST BLUE NSL

Chemical Class : Phthalocynine Blue
C.I. Name : Pigment Blue 15:4
C.I. No. : 74160

Greener Blue clean shade high Gloss & Transparency.
Good Reological properties & excellent fastness properties



Full shade

PRODUCT SPECIFICATION:

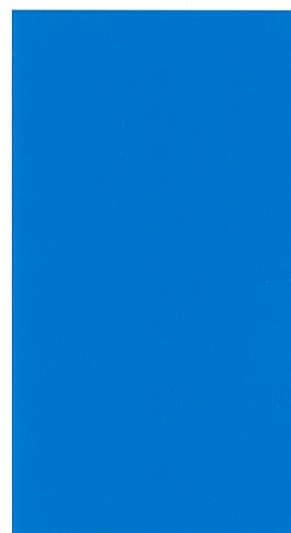
Physical Data:

Physical Form : Powder/Press cake
Bulk Density (g/CC) : 0.48 - 0.50
Oil Absorption (g/100g) : 31 - 34
pH of 10% extracts : 6.5 - 8.5

Heat Stability : 240 - 260° C

Resistance to Solvent :

Water : 5
Xylene : 4 - 5
Toluene : 4 - 5
Butanol : 5
Ethyl cello solve : 5



Tint tone

Recommended for Solvent Base Inks application



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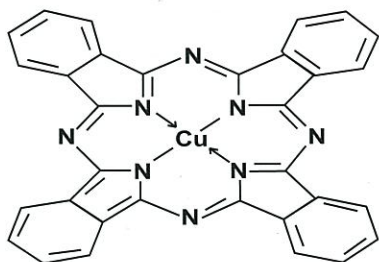


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CHEMICAL INDUSTRIES

RAMA FAST BLUE NSLD-250

Chemical Class : Phthalocynine Blue
C.I. Name : Pigment Blue 15:4
C.I. No. : 74160

Cleaner Greener shade with higher Gloss & higher Transparency.
highly stable in concentrate



Full shade

PRODUCT SPECIFICATION:

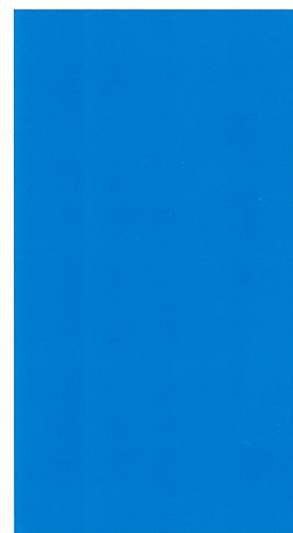
Physical Data:

Physical Form : Powder/Press cake
Bulk Density (g/CC) : 0.48 - 0.50
Oil Absorption (g/100g) : 31 - 34
pH of 10% extracts : 6.5 - 8.5

Heat Stability : 240 - 260° C

Resistance to Solvent :

Water : 5
Xylene : 4 - 5
Toluene : 4 - 5
Butanol : 5
Ethyl cello solve : 5



Tint tone

Recommended for Solvent Base Inks Higher concentrate



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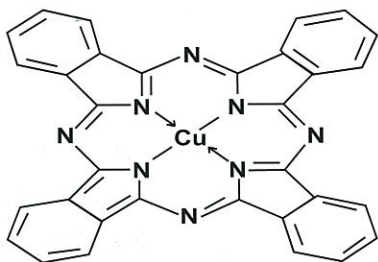


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CHEMICAL INDUSTRIES

RAMA FAST BLUE GR 100

Chemical Class : Phthalocynine Blue
C.I. Name : Pigment Blue 15:0
C.I. No. : 74160

Reddish Blue clean shade high tinctorial strength.
Good dispersibility & excellent fastness properties.



Full shade

PRODUCT SPECIFICATION:

Physical Data:

Physical Form : Powder/Press cake
Bulk Density (g/CC) : 0.30 - 0.35
Oil Absorption (g/100g) : 32 - 35
pH of 10% extracts : 6.5 - 8.5

Heat Stability : 180 - 200° C

Resistance to Solvent :

Water : 5
Xylene : 5
Toluene : 5
Butanol : 5
Ethyl cello solve : 5



Tint tone

Recommended for Textile, Waterbase Paints, Inks, Rubber & Plastic applicateion



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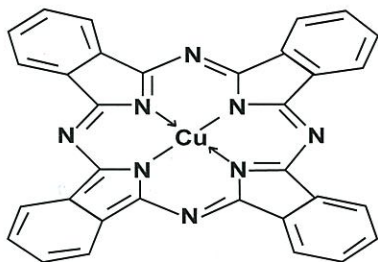


RAMDEV
CHEMICAL INDUSTRIES

RAMA FAST BLUE SBP 85

Chemical Class : Phthalocynine Blue
C.I. Name : Pigment Blue 15:1
C.I. No. : 74160

Reddish Blue clean shade high tinctorial strength.
Good dispersibility & excellent fastness properties.



Full shade

PRODUCT SPECIFICATION:

Physical Data:

Physical Form : Powder/Press cake
Bulk Density (g/CC) : 0.30 - 0.35
Oil Absorption (g/100g) : 35 - 38
pH of 10% extracts : 6.5 - 8.5

Heat Stability : 240 - 260° C

Resistance to Solvent :

Water : 5
Xylene : 4-5
Toluene : 4-5
Butanol : 5
Ethyl cello solve : 5



Tint tone

Recommended for Plastic, Rubber, Solvent Base Paints application



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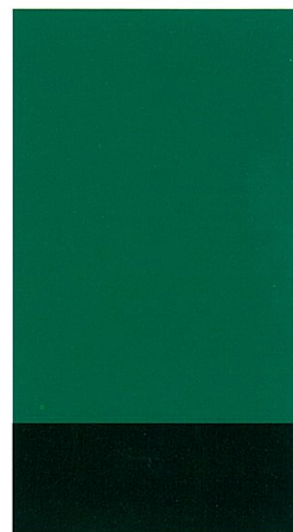
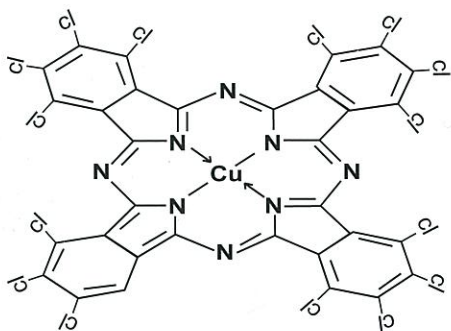


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RAMA FAST GREEN YL-51

Chemical Class : Phthalocynine Green
C.I. Name : Pigment Green 7
C.I. No. : 74260

Yellower Green clean shade high tinctorial strength.
Good dispersibility & excellent fastness properties.



Full shade

PRODUCT SPECIFICATION:

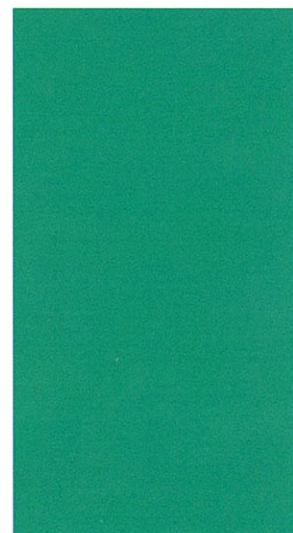
Physical Data:

Physical Form : Powder/Press cake
Bulk Density (g/CC) : 0.44 - 0.50
Oil Absorption (g/100g) : 26 - 30
pH of 10% extracts : 6.5 - 8.5

Heat Stability : 260 - 280° C

Resistance to Solvent :

Water : 5
Xylene : 5
Toluene : 5
Butanol : 5
Ethyl cello solve : 5



Tint tone

Recommended for Inks, Paints, Plastic & Textile application



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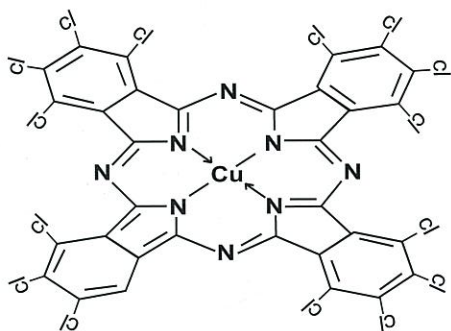


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CHEMICAL INDUSTRIES

RAMA FAST GREEN BL-58

Chemical Class : Phthalocynine Green
C.I. Name : Pigment Green 7
C.I. No. : 74260

Bluer Green clean shade high tinctorial strength.
Good dispersibility & excellent fastness properties.



Full shade

PRODUCT SPECIFICATION:

Physical Data:

Physical Form : Powder/Press cake
Bulk Density (g/CC) : 0.45 - 0.52
Oil Absorption (g/100g) : 26 - 30
pH of 10% extracts : 6.5 - 8.5

Heat Stability : 260 - 280° C

Resistance to Solvent :

Water : 5
Xylene : 5
Toluene : 5
Butanol : 5
Ethyl cello solve : 5



Tint tone

Recommended for Inks, Paints, Plastic & Textile application



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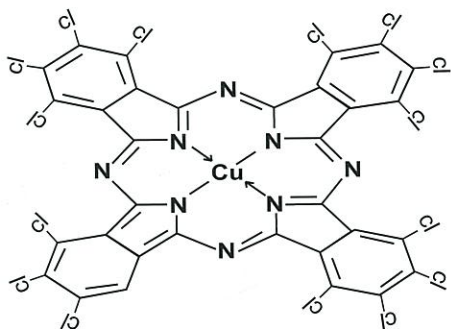


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RAMA FAST GREEN D-100

Chemical Class : Phthalocynine Green
C.I. Name : Pigment Green 7
C.I. No. : 74260

Clean Bright Green shade high tinctorial strength.
Good dispersibility & excellent fastness properties.
High Gloss, Transparent in solvent base system



Full shade

PRODUCT SPECIFICATION:

Physical Data:

Physical Form : Powder/Press cake
Bulk Density (g/CC) : 0.60 - 0.65
Oil Absorption (g/100g) : 30-34
pH of 10% extracts : 6.5 - 8.5

Heat Stability : 240 - 260° C

Resistance to Solvent :

Water : 5
Xylene : 4-5
Toluene : 4-5
Butanol : 5
Ethyl cello solve : 5



Tint tone

Recommended for Solvent Base Inks & Paints application

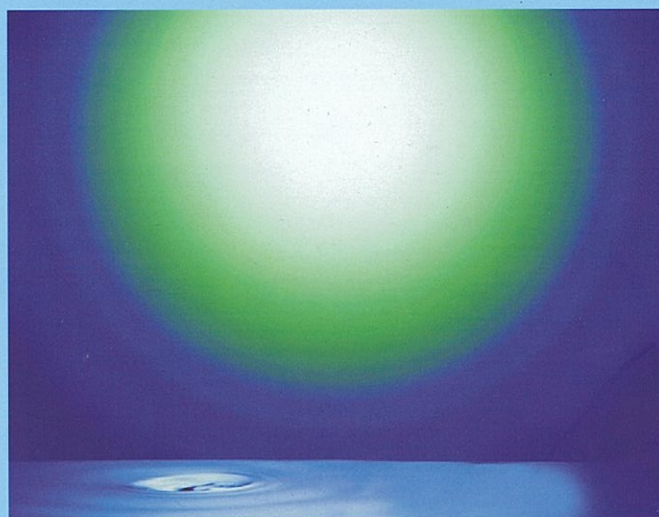


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