

Kevipound Toner Pigment

Permanent Lake Red KT(A)

Full Tone Product Name : Permanent Lake Red KT(A)
Code No. : 7301

Tint Tone Chemical Class : Monoazo Red Barium Salt
Colour Index Name : Red 53.1
Colour Index No. : 15585.1
Basic Pigment C.A.S. No. : 5160-02-1

Specially for
All Printing Inks
PVC, Rubber
Plastics and
Water base Ink

General Description
Permanent Lake Red KT(A) is a transparent, clean and bright bluish conventional type of Lake Red pigment, having all round improved pigment properties over conventional PR 53.1 type pigments.

Technological Characteristics
Specific Gravity at 20°C : 1.700 Specific Conductivity : < 1.0 ms/cm²
Sieve Residue : 0.1 % max Heat Stability : [PC10 min]
Moisture Content : 1.0 % max Oil Absorption : 50-55 CC
pH of Water Extract : 6.0 to 8.0 Water Soluble : 1% max

Characteristics	Printing Inks	Paints	Plastic	New Systems
Light Fastness (1-8 scale)	1/1	1/25	1/1	1/25
Weather Fastness (1-5 scale)	4	2	—	6
Heat Stability Celcius (1-5 scale)	200°C	—	250°C	—
Solvent Fastness (1-5 scale) General	3	—	—	—
Soap Fastness (1-5 scale) Print	1-2	—	—	—
Fastness to Blend (1-5 scale) PVC	—	—	4-5	—
Over Spray Fastness (1-5 scale) Paint	—	—	—	—

Abbreviation Key: (1-8 scale) * 1 Poor, 8 Excellent (1-5 scale) * 1 Poor, 5 Excellent.

Printing Inks	Plastics	Other Application
Letterpress Inks	PVC (Rigid)	Restricted use in Paint
Offset Inks	PVC (Flexible)	
Flexo Inks	Polyolefins	
Silk Screen Inks	Rubber	
Metal Dezo Inks	Plastics Master Batches	

* This technical information is offered for guidance, but without guarantee.

Kevipound Toner Pigment

Permanent Lake Red KT(L)

Full Tone Product Name : Permanent Lake Red KT(L)
Code No. : 7302

Tint Tone Chemical Class : Monoazo Red Barium Salt
Colour Index Name : Red 53.1
Colour Index No. : 15585.1
Basic Pigment C.A.S. No. : 5160-02-1

Specially for
Poly Amide
Vinyl, N.C. base
Liquid Inks

General Description
Permanent Lake Red KT(L) is a specially designed to suit all types of ink systems, but particularly suited for liquid ink systems. It exhibits good dispersibility and resistance to recrystallization in most liquid ink systems.

Technological Characteristics
Specific Gravity at 20°C : 1.830 Specific Conductivity : < 1.0 ms/cm²
Sieve Residue : 0.1 % max Heat Stability : [PC10 min]
Moisture Content : 1.0 % max Oil Absorption : 45 CC
pH of Water Extract : 6.0 to 8.0 Water Soluble : 1% max

Characteristics	Printing Inks	Paints	Plastic	New Systems
Light Fastness (1-8 scale)	1/1	1/25	1/1	1/25
Weather Fastness (1-5 scale)	4	2	—	6
Heat Stability Celcius (1-5 scale)	200°C	—	200°C	—
Solvent Fastness (1-5 scale) General	3-4	—	—	—
Soap Fastness (1-5 scale) Print	1-2	—	—	—
Fastness to Blend (1-5 scale) PVC	—	—	4-5	—
Over Spray Fastness (1-5 scale) Paint	—	—	—	—

Abbreviation Key: (1-8 scale) * 1 Poor, 8 Excellent (1-5 scale) * 1 Poor, 5 Excellent.

Printing Inks	Plastics
Letterpress Inks	PVC (Rigid)
Offset Inks	PVC (Flexible)
Flexo Inks	Polyolefins
Gravure Inks	Rubber
Metal Dezo Inks	Plastics Master Batches
Vinyl Inks	

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Kevipound Toner Pigment

Permanent Lake Red KT(LC)

Full Tone Product Name : Permanent Lake Red KT(LC)
Code No. : 7304

Tint Tone Chemical Class : Monoazo Red-Barium Salt
Colour Index Name : Red 53.1
Colour Index No. : 15585.1
Basic Pigment C.A.S. No. : 5160-02-1

Specially for
N. C. Ink and
Liquid Ink

General Description
Permanent Lake Red KT(LC) is a rosinated type, highly transparent, clean, dark yellow red shade lake pigment. It offers ease of dispersion and gloss properties. It is less bronzy, but more transparent than our Permanent Lake Red KT(LC).

Technological Characteristics
Specific Gravity at 20°C : 1.840 Specific Conductivity : < 1.0 ms/cm²
Sieve Residue : 0.1 % max Heat Stability : [PC10 min]
Moisture Content : 1.0 % max Oil Absorption : 60-70 CC
pH of Water Extract : 6.0 to 8.0 Water Soluble : 1% max

Characteristics	Printing Inks	Paints	Plastic	New Systems
Light Fastness (1-8 scale)	1/1	1/25	1/1	1/25
Weather Fastness (1-5 scale)	6	2	—	6
Heat Stability Celcius (1-5 scale)	200°C	—	225°C	—
Solvent Fastness (1-5 scale) General	3	—	—	—
Soap Fastness (1-5 scale) Print	1-2	—	—	—
Fastness to Blend (1-5 scale) PVC	—	—	4-5	—
Over Spray Fastness (1-5 scale) Paint	—	—	—	—

Abbreviation Key: (1-8 scale) * 1 Poor, 8 Excellent (1-5 scale) * 1 Poor, 5 Excellent.

Printing Inks	Plastics	Other Application
Letterpress Inks	PVC (Rigid)	Stationery Products
Offset Inks	PVC (Flexible)	Artists Colour
Flexo Inks	Polyolefins	Crayon
Silk Screen Inks	Rubber	
Metal Dezo Inks	Plastics Master Batches	

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Kevipound Toner Pigment

Permanent Lake Red KT(P)

Full Tone Product Name : Permanent Lake Red KT(P)
Code No. : 7303

Tint Tone Chemical Class : Monoazo Red-Barium Salt
Colour Index Name : Red 53.1
Colour Index No. : 15585.1
Basic Pigment C.A.S. No. : 5160-02-1

Specially for
PVC, Rubber
Plastics, HDPE
LDPE, Acrylics
Polystyrene

General Description
Permanent Lake Red KT(P) is the most opaque of all lake reds with good stability, fastness to chemicals and excellent dispersion characteristics. Useful for electrical grade applications.

Technological Characteristics
Specific Gravity at 20°C : 1.830 Specific Conductivity : < 0.15 ms/cm²
Sieve Residue : 0.1 % max Heat Stability : [PC10 min]
Moisture Content : 1.0 % max Oil Absorption : 6.0 to 8.0
pH of Water Extract : 6.0 to 8.0 Water Soluble : 1% max

Characteristics	Printing Inks	Paints	Plastic	New Systems
Light Fastness (1-8 scale)	1/1	1/25	1/1	1/25
Weather Fastness (1-5 scale)	5	2	—	6
Heat Stability Celcius (1-5 scale)	200°C	—	250°C	—
Solvent Fastness (1-5 scale) General	3-4	—	—	—
Soap Fastness (1-5 scale) Print	1-2	—	—	—
Fastness to Blend (1-5 scale) PVC	—	—	4-5	—
Over Spray Fastness (1-5 scale) Paint	—	—	—	—

Abbreviation Key: (1-8 scale) * 1 Poor, 8 Excellent (1-5 scale) * 1 Poor, 5 Excellent.

Printing Inks	Plastics
Letterpress Inks	PVC (Rigid)
Offset Inks	PVC (Flexible)
Flexo Inks	Polyolefins
Gravure Inks	Rubber
Metal Dezo Inks	Plastics Master Batches
Vinyl Inks	

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Kevipound Toner Pigment

Rubine Toner (KN)

Full Tone Product Name : Rubine Toner (KN)
Code No. : 7701

Tint Tone Chemical Class : Monoazo Red-Calcium Lake
Colour Index Name : Red 57.1
Colour Index No. : 15850.1
Basic Pigment C.A.S. No. : 5281-04-9

Specially for
Solvent Base Ink
All Types of
Prints, PVC
Plastics, Rubber

General Description
Pigment Rubine Toner (KN) is a rosinated type deep bluish tone with high transparency and high tinctorial strength with moderate light fastness and poor weather fastness. It has versatile use in those printing where demands on fastness properties are not too high. It also recommended for low cost air drying paint systems.

Physical Characteristics
Specific Gravity at 20°C : 1.550 pH of Water Extract : 7.0
Sieve Residue : 0.5 % max Oil Absorption : 60-70 CC
Heat Stability : 200°C Water Soluble : 3% max
Moisture Content : 1.0 % max

Fastness Characteristics	Printing Inks	Paints	Plastic	New Systems	
Water	4-5	Toluene	3	Butyl Acetate	3
Ethanol	2-3	Mineral Turpentine Oil	3	Soap	2
Butanol	2-3	Methyl Ethyl Ketone	2-3	Acid	3
Acetone	4	Unseal Oil	4	Alkali	3

Light Fastness	1/1 Depth	1/25 Depth	1/1 Depth	1/25 Depth
Light Fastness (1-8 scale)	4-5	3-4	1/25 Depth	3
	(0.3%)	(0.3%)		1.6%

Printing Inks	Plastics	Other Application
Letterpress Inks	Acrylic Enamel Paints	Rubber
Offset Inks	N.C. Lacquer Paints	Leather
Flexo Inks	Dry Colours	PVC
Gravure Inks	Plastics	

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Kevipound Toner Pigment

Permanent Rubine (KN)

Full Tone Product Name : Permanent Rubine (KN)
Code No. : 7702

Tint Tone Chemical Class : Monoazo Red-Calcium Lake
Colour Index Name : Red 57.1
Colour Index No. : 15850.1
Basic Pigment C.A.S. No. : 5281-04-9

Specially for
Offset Inks
Letter Press Inks
Paste Inks
Low End Liquid Inks

General Description
Permanent Rubine Toner (KN) is much transparent and slightly bluer than our Permanent Rubine C68. Inks based on this pigment show good rheological stability with good offset properties. It has versatile use in those printing inks where demands on fastness properties are not too high.

Physical Characteristics
Specific Gravity at 20°C : 1.550 pH of Water Extract : 7.0
Sieve Residue-350 Mesh : 1 % max Oil Absorption : 55-60 CC
Heat Stability : 200°C Water Soluble : 4% max
Moisture Content : 1.0 % max

Fastness Characteristics	Printing Inks	Paints	Plastic	New Systems	
Water	5	Toluene	3	Butyl Acetate	3
Ethanol	2-3	Mineral Turpentine Oil	4	Soap	2
Butanol	2-3	Methyl Ethyl Ketone	2-3	Acid	3
Acetone	4	Unseal Oil	4	Alkali	3

Light Fastness	1/1 Depth	1/10 Depth	1/25 Depth
Light Fastness (1-8 scale)	4-5	3-4	1/25 Depth
	(0.3%)	(7.10%)	1.35%

Printing Inks	Paint	Other Application
Letterpress Inks	Restrictively Recommended	Dry Dispersions
Offset Inks		
Flexo Inks		
Gravure Inks		

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Kevipound Toner Pigment

Permanent Rubine (KPRS)

Full Tone Product Name : Permanent Rubine (KPRS)
Code No. : 7703

Tint Tone Chemical Class : Monoazo Red-Calcium Lake
Colour Index Name : Red 57.1
Colour Index No. : 15850.1
Basic Pigment C.A.S. No. : 5281-04-9

Specially for
Solvent Base Ink
All Types of
Prints, PVC
Plastics, Rubber

General Description
Permanent Rubine (KPRS) is a special quality Rubine Pigment having a high print density and print gloss and extremely good flow characteristics. It is slightly more transparent than our Permanent Rubine (KN) and it imparts very good working properties to heat set ink.

Technological Characteristics
Specific Gravity at 20°C : 1.550 pH of Water Extract : 6.0 to 8.0
Sieve Residue : 0.1 % max Specific Conductivity : < 1.0 ms/cm²
Moisture Content : 1.0 % max Oil Absorption : 50-55 CC

Characteristics	Printing Inks	Paints	Plastic	New Systems
Light Fastness (1-8 scale)	4-5	3	—	—
Weather Fastness (1-5 scale)	—	—	—	—
Heat Stability Celcius (1-5 scale)	200°C	—	—	—
Solvent Fastness (1-5 scale) General	3-4	—	—	—
Soap Fastness (1-5 scale) Print	1-2	—	—	—
Fastness to Blend (1-5 scale) PVC	—	—	—	—
Over Spray Fastness (1-5 scale) Paint	—	—	—	—

Abbreviation Key: (1-8 scale) * 1 Poor, 8 Excellent (1-5 scale) * 1 Poor, 5 Excellent.

Printing Inks	Paint	Other Application
Letterpress Inks	Restrictively Recommended	Restrictively Suitable
Offset Inks		
Flexo Inks		
Gravure Inks		

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Kevipound Toner Pigment

Permanent Rubine (KPR)

Full Tone Product Name : Permanent Rubine (KPR)
Code No. : 7706

Tint Tone Chemical Class : Monoazo Red-Calcium Lake
Colour Index Name : Red 57.1
Colour Index No. : 15850.1
Basic Pigment C.A.S. No. : 5281-04-9

Specially for
Offset Inks
Letter Press Inks
Solvent Base Ink
and Grevier Inks

General Description
Permanent Rubine (KPR) is much transparent and slightly bluer than our Permanent Rubine. Inks based on this pigment show good rheological stability with good offset properties. It has versatile use in those printing inks where demands on fastness properties are not too high.

Physical Characteristics
Specific Gravity at 20°C : 1.550 pH of Water Extract : 7.0
Sieve Residue-350 Mesh : 1 % max Oil Absorption : 55-60 CC
Heat Stability : 200°C Water Soluble : 4% max
Moisture Content : 1.0 % max

Fastness Characteristics	Printing Inks	Paints	Plastic	New Systems	
Water	5	Toluene	3	Butyl Acetate	3
Ethanol	2-3	Mineral Turpentine Oil	4	Soap	2
Butanol	2-3	Methyl Ethyl Ketone	2-3	Acid	3
Acetone	4	Unseal Oil	4	Alkali	3

Light Fastness	1/1 Depth	1/10 Depth	1/25 Depth
Light Fastness (1-8 scale)	4-5	3-4	1/25 Depth
	(0.3%)	(7.10%)	1.35%

Printing Inks	Paint	Other Application
Letterpress Inks	Restrictively Recommended	Dry Dispersions
Offset Inks		
Flexo Inks		
Gravure Inks		

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Kevipound Toner Pigment

Permanent Rubine (KPL)

Full Tone Product Name : Permanent Rubine (KPL)
Code No. : 7704

Tint Tone Chemical Class : Monoazo Pigment
Colour Index Name : Red 57.1
Colour Index No. : 15850.1
Basic Pigment C.A.S. No. : 5281-04-9

Specially for
Offset Inks
Letter Press Inks
Paste Inks
Low End Liquid Inks

General Description
Permanent Rubine (KPL) is a special quality Rubine Pigment having a very strong & economical bluish red pigment used in plastics application. Has very high dispersibility and excellent dielectric properties.

Technological Characteristics
Density : 1.70 g/cm³ Acid Resistance : 5
Bulk Volume : 8.5 l/kg Specific Surface : 95 m²/g
Alkali Fastness : 3

Properties	PE	PVC	PS
Standard Depth (1/30g)	1.35	5.10	1.35
Purity (%)	65.0	65.0	65.0
Light Fastness Mass Tone	6	6-7	5-6
Light Fastness Tint Tone	5	3-4	4
Heat Resistance (°C)	250	—	235-245
Weathering Fastness	—	—	—
Fastness Bleeding	—	4-5	4-5

Fastness to Solvents and Reagents	White Spirit	Xylene/Toluene	N Butanol	Butyl Acetate	Methyl Ethyl Ketone	Linseed Oil	Dibutyl Phthalate	Wax	Edible Oils and Fats	Water	Acid	Alkali	Detergent
	4	4	4	3	3	4	4	4	5	4-5	4	4	3-4

Applications	Printing Inks	Plastics	Other Application
Letterpress Inks	Restrictively Suitable	Restrictively Suitable	Restrictively Suitable
Offset Inks			
Flexo Inks			
Gravure Inks			

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Kevipound Toner Pigment

Maroon Toner (KN)

Full Tone Product Name : Maroon Toner (KN)
Code No. : 7401

Tint Tone Chemical Class : Monoazo Red-Calcium Lake
Colour Index Name : Red 63.1
Colour Index No. : 15880.1
Basic Pigment C.A.S. No. : 6437-83-0

Specially for
Paint, Leather
Cosmetics

General Description
Pigment Maroon Toner (KN) is a deep dark maroon red shade having high colour strength pigment with excellent light fastness & good heat resistance. Recommended for air drying paint systems, leather & cosmetics.

Technological Characteristics
Specific Gravity at 20°C : 1.45
Bulk Density : 0.30 g/cm³
Oil absorption : 45 CC

Bleeding In (1-5 Scale)	Water	Unseal Oil	5% Caustic Soda	5% HCL
	4-5	4	3	3

Resistance To (1-5 Scale)	5% HCL	5% Caustic Soda	20% Soap jelly	Heat (up to 180 o C)	Light (Tint Tone)
	4-5	3	1-2	3	3

Printing Inks	Plastics	Other Application
Letterpress Inks	Restrictively Recommended	Dry Dispersions
Offset Inks		
Flexo Inks		
Gravure Inks		

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Kevipound Toner Pigment

Permanent Red 2B (48.2) (KYN)

Full Tone Product Name : Permanent Red 2B (48.2) (KYN)
Code No. : 7802

Tint Tone Chemical Class : Monoazo Pigment-Calcium Lake
Colour Index Name : Red 48.2
Colour Index No. : 15852.1
Basic Pigment C.A.S. No. : 7023-61-2

Specially for
Offset Inks
Letter Press Inks
PVC, Plastic
Powder, Coating
and Leather

General Description
Permanent Red 2B (48.2) (KYN) Toner is a bluish red pigment, high colour strength and flow, good dispersibility and moderate fastness properties, used extensively in paste and liquid ink, PVC etc.

Technological Characteristics
Density : 1.80 g/cm³ Acid Resistance : 5
Bulk Volume : 8.5 l/kg Specific Surface : 50 m²/g
Alkali Fastness : 3

Properties	PE	PVC	PS
Standard Depth (1/30g)	1.35	5.10	1.35
Purity (%)	65.0	65.0	65.0
Light Fastness Mass Tone	6	6-7	5-6
Light Fastness Tint Tone	5	4-5	4
Heat Resistance (°C)	235-240		