



P I G M E N T S



profiltra
customized solutions

A D D I T I V E S



INKS • COATINGS/PAINTS • PLASTICS

	colorindex	pigment type	inks	coatings/ paints	plastics	properties
	PY 1	Monoazo Yellow	●	●		clean, midshade yellow, good lightfastness, suitable for inks and interior paints
	PY 3	Monoazo Yellow	●	●		greenish shade, lightfast yellow for paints and inks
	PY 12	Diarylide Yellow	●			semi-transparent, suitable for inks
	PY 13	Diarylide Yellow	●		●	transparent, stronger than PY12, all-purpose pigment
	PY 14	Diarylide Yellow	●			transparent, somewhat greener than PY12 suitable for solvent inks
	PY 17	Diarylide Yellow	●		●	transparent, strong, greenish yellow, all-purpose pigment
	PY 62	Monoazo Yellow, Ca			●	medium-reddish yellow, thermally stable
	PY 65	Monoazo Yellow		●		redshade, lightfast, excellent hiding power
	PY 74	Monoazo Yellow	●	●		greenish yellow, shade between PY1 and PY3, opaque and transparent alternatives available, high strength
	PY 81	Diarylide Yellow	●	●	○	greenish yellow, all round properties for inks and coatings
	PY 83	Diarylide Yellow	●	●	●	transparent, good fastness, good heat stability, standard reddish yellow
	PY 97	Monoazo Yellow	○	●	○	shade like PY1, better fastness properties, good heat stability
	PY 110	Isoindolinone		●	○	reddish shade, highly heat stable, excellent light- and weather-fastness
	PY 138	Quinophthalone		●	●	greenish shade, lightfast and weather-fast, good heat stability
	PY 139	Isoindolinone	●	●	●	reddish yellow, replacement of chrome yellows in paints, high grade industrial finishes, high fastness properties
	PY 150	Metal Complex	●	●		azo/nickel complex, very lightfast, good heat stability
	PY 151	Benzimidazolone		●	●	clean greenish yellow, all purpose, excellent fastness
	PY 154	Benzimidazolone	○	●	○	clean, somewhat redder than PY151, resistant to the major organic solvents, all-purpose pigment, high lightfastness
	PY 174	Diarylide Yellow	●			transparent, very strong, highly resinated
	PY 180	Benzimidazolone	○		●	transparent greenish yellow, very good fastness properties
	PY 183	Monoazo yellow, Ca			●	reddish yellow, good fastness, very good lightfastness, excellent heat stability

● Recommended ○ Suitable

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	colorindex	pigment type	inks	coatings/ paints	plastics	properties
	PO 5	β-Naphtol	●	○	○	strong, clean orange, very good weatherfastness
	PO 13	Disazopyrazolone	●		○	fastness comparable to PY12, heat stable
	PO 34	Disazopyrazolone	●	○	○	clean orange, good solvent resistance, heat stable, more stable than PO13
	PO 36	Benzimidazolone		●		very good weather- and lightfastness
	PO 43	Perinone	●	●	●	clean reddish orange, very good weather- and lightfastness
	PO 64	Azoheterocyclus	●		●	very good heat stability
	PO 73	DPP pigment		●		opaque, clean shade of medium orange, very good heat- and lightfastness
	PR 2	Naphtol AS	●	○		medium redshade
	PR 3	β-Naphtol	○	●		somewhat bluish, good light- and weatherfastness in full-shade
	PR 4	β-Naphtol	●			somewhat yellowish red
	PR 12	Naphtol AS	●			bordeaux red, good lightfastness, moderate solvent fastness
	PR 22	Naphtol AS	●	●		yellowish red, less lightfast than PR112
	PR 23	Naphtol AS	○	●		bluish dull red shade
	PR 48:2	BONA, Ca	●		●	standard process red for gravure packaging inks. Bluish red shades, good tinctorial strength
	PR 48:3	BONA, Sr	○	○	●	yellowish red, more lightfast than other PR 48 types, good heat stability
	PR 49:1	β-Naphtol Ba	●	○	○	like PR 53:1, but less heat stable
	PR 52:2	BONA, Mn		●		maroon shade, good light- and weatherfastness.
	PR 53:1	β-Naphtol Ba	●		●	warm red, good fastness properties, except for lightfastness
	PR 57:1	BONA, Ca	●		●	magenta pigment, high tinctorial strength
	PR 112	Naphtol AS	●	●		highly brilliant medium red shade (signal red), good light- and weatherfastness, replacement of PR 3 in applications with demanding requirements
	PR 122	Quinacridone	●	●	●	very clean, bluish shade, excellent fastness properties
	PR 144	Disazo Condensation	○	○	●	slightly bluish, very good lightfastness, fast to migration in PVC
	PR 146	Naphtol AS	●	●		very good solvent resistance, somewhat more yellow than PR 57:1, good heat stability

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INKS • COATINGS/PAINTS • PLASTICS

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	PR 149	Perylene		●	●	clean, medium red pigment, highly transparent, exceptionally heat stable
	PR 166	Disazo Condensation	●	●	●	Shade like PR 53:1. Good light- and weatherfastness, very good temperature stability
	PR 170	Naphtol AS	●	●	○	medium redshade, very resistant to solvents. Excellent fastness properties, high strength
	PR 175	Benzimidazolone		●	●	dull red pigment, very good fastness properties, very transparent
	PR 179	Perylene		●	○	excellent fastness properties
	PR 184	Naphtol AS	●		○	bluish red, much better fastness properties than PR 57:1
	PR 254	DPP Pigment		●	●	medium red, very good fastness properties
	PR 266	Naphtol AS	●			bluish red, good fastness to organic solvents
	PR 269	Naphtol AS	●			very bluish red
	PB 1	Triarylcarbonium	●			clean reddish blue, very brilliant
	PB 15:0	Cu-Phtalobblue, non-stab			●	reddish blue, clean shade, excellent lightfastness
	PB 15:1	Cu-Phtalobblue, α -modified	●	●	●	good/excellent fastness properties
	PB 15:2	Cu-Phtalobblue, α -modified		●		good/excellent fastness properties, stabilized towards flocculation
	PB 15:3	Cu-Phtalobblue, β -modified	●	●	●	clean shade of turquoise, good/excellent fastness properties
	PB 15:4	Cu-Phtalobblue, β -modified	●			clean shade of turquoise, good/excellent fastness properties, stabilized
	PB 27	Miloribblue	○	●		inorganic, excellent stability properties
	PB 29	ultramarine		●	●	inorganic, excellent stability properties
	PB 60	Indanthrone		●	●	reddish shade, excellent weatherfastness, very good fastness properties
	PG 7	Cu- Phtalogreen	●	●	●	bluish green shade, good overall fastness properties
	PG 36	Cu- Phtalogreen	○	●		yellowish green shade, excellent fastness properties
	PV 3	Triarylcarbonium	●			very bluish violet, high fastness properties
	PV 19	Quinacridone	●	●	●	shade varies from reddish (β -modification) to bluish (γ -modification) offering excellent value
	PV 23	Dioxazin	●	●	●	very strong bluish violet, universally useful.

● Recommended ○ Suitable



Global supply, local solutions

Profiltra can supply you with a wide variety of pigments. Our portfolio consists of high quality pigments which are applicable for the ink-, coatings-, plastics- and specialized industries.

Being globally organized with branches in Europe, China and partners in the America's and India we can provide you with excellent global logistics and local application



solutions. Our broad and deep application know-how and comprehensive solutions, leaves nothing to chance.

Pigments are not a commodity at Profiltra. Profiltra offers more than only the best technologies and innovative products. Providing excellent service has always been a primary goal of our company. We continuously develop new service concepts, aimed at total customer satisfaction.

Our consultants are familiar with your production process and your laboratory facilities. We think, work and advise on the engineering level. With our office in China, we are also close to our suppliers with highly



skilled technicians. This enables us to make the best selections and secure the quality level of our pigments.

Last but not least, we feel, that working together with Profiltra should be a partnership. Based on this concept we have been a reliable partner for the industry for almost 70 years.



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- Products from preferred suppliers
- Professionals advising professionals
- Performance and teamwork as founding principles

Profiltra

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Piping Technology



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Because you do not only demand the best quality materials, but also appreciate advice from people who are expert in their business. Who understand exactly what you and your in-house experts mean. Experts who know what it takes to ensure that your processes run at maximum efficiency. Experts who think in terms of solutions.



Profiltra
Meerpaalweg 4
1332 BB Almere
PO Box 1072
1300 BB Almere
The Netherlands
Phone +31 (0)36-532 42 28
Fax +31 (0)36-532 42 68

Phone +31 (0)36-549 53 01
Additives

www.profiltra.nl
www.profiltra.de
www.profiltra.co.uk
www.profiltra.cn

additives@profiltra.nl

