

Pigmentos Complexos Inorgânicos englobam uma vasta linha de compostos, que são obtidos por reação de óxidos ou sais metálicos a altas temperaturas. Esta reação gera pigmentos de alta performance e excelentes propriedades, tais como: resistências térmica, química, à intempéries, a luz e ótima dispersibilidade.

Principais Aplicações:

- * Plásticos de Engenharia
- * PVC
- * Poliolefinas
- * Tinta Industrial
- * Tinta em Pó
- * Produtos Cimentícios
- * Vidros

Complex Inorganic Pigments include a wide range of compounds, which are obtained by the reaction of oxides or metal salts at high temperatures. This reaction generates high performance pigments and excellent properties, such as: temperature, chemical, weathering and light resistance and excellent dispersibility.

Main Applications:

- * Engineering Plastics
- * PVC
- * Polyolefins
- * Industrial Coating
- * Powder Coating
- * Cement Products
- * Glasses

Los Pigmentos Complejos Inorgánicos incluyen una amplia gama de compuestos que se obtienen por la reacción de óxidos o sales metálicos a altas temperaturas. Esta reacción genera pigmentos de alto rendimiento y excelentes propiedades, tales como: resistencia térmica, química, a las intemperies, a la luz y excelente dispersabilidad.

Aplicaciones principales:

- * Plásticos de Ingeniería
- * PVC
- * Poliolefinas
- * Pinturas Industriales
- * Pinturas en Polvo
- * Productos de Cemento
- * Vidrios

IDENTIFICATION				COMPLEX INORGANIC PIGMENTS							
Product Code	Color Index	Color Constitution Number	CAS Number	Composition	Heat Stability (°C)	Lightfastness	Weatherfastness	Oil Absorption (% g/100g)	pH	Acid Resistance	Alkali Resistance
Pyro Yellow 6000	PY 53	77788	8007-18-9	Ti-Ni-Sb	800°C	8	5	16.5	7.5	Excellent	Excellent
Pyro Yellow 6100	PY 53	77788	8007-18-9	Ti-Ni-Sb	800°C	8	5	16.5	7.5	Excellent	Excellent
Pyro Yellow 6021	PBr 24	77310	68186-90-3	Ti-Cr-Sb	800°C	8	5	16.0	7.3	Excellent	Excellent
Pyro Yellow 6022	PBr 24	77310	68186-90-3	Ti-Cr-Sb	800°C	8	5	16.0	7.3	Excellent	Excellent
Pyro Yellow 6041	PBr 24	77310	68186-90-3	Ti-Cr-Sb	800°C	8	5	16.0	7.3	Excellent	Excellent
Pyro Yellow 6061	PY 119	77496	68187-51-9	Zn-Fe	250°C	8	5	29.0	6.8	Excellent	Excellent
Pyro Green 2001	PG 50	77377	68186-85-6	Co-Ni-Zn-Ti	800°C	8	5	12.0	9.0	Excellent	Excellent
Pyro Blue 3090	PG 50	77377	68186-85-6	Co-Li-Al-Ti	800°C	8	5	16.0	10.0	Excellent	Excellent
Pyro Blue 3000	PB 36	77343	68187-11-1	Co-Al-Cr	800°C	8	5	20.5	7.5	Excellent	Excellent
Pyro Blue 3030	PB 28	77346	1345-16-0	Co-Al	800°C	8	5	32.0	6.5	Excellent	Excellent
Pyro Black 1100	PBk 28	77428	68186-91-4	Cu-Cr	800°C	8	5	14.0	7.3	Excellent	Excellent
Pyro Black 1180	PBk 26	77494	68186-94-7	Fe-Mn	800°C	8	5	15.4	9.5	Excellent	Excellent
Pyro Black 1331	PBr 29	77500	12737-27-8	Fe-Cr	800°C	8	5	16.5	7.0	Excellent	Excellent

The printed colors are only for reference. This information refers to the best accuracy of tests method of a standard batch.
The data given on this brochure are only related to the colors above. Samples shall be required for specific tests.



Pigmentos de Cádmio são pigmentos inorgânicos de alta performance que podem ser aplicados em diferentes polímeros obtendo cores brilhantes, boa resistência química térmica, além de boa solidez à intemperie e à luz. As exceções devem ser consideradas ao misturar estes pigmentos com Dióxido de Titânio e Agentes Oxidantes uma vez que estas características podem ser afetadas. Estes Pigmentos de Cádmio cumprem os Limites Internacionais de Metais Pesados Solúveis quando aplicados em brinquedos (EN 71 Parte 3) e Contato Indireto com Alimentos (Resolução Europeia AP 89).

Principais Aplicações:

- * Poliolefinas
- * Polímeros de Engenharia
- * Tintas Industriais
- * Tintas em Pó
- * Cerâmica
- * Cores Artísticas
- * Vidros
- * Demarcação Vial

Cadmium Pigments are high performance inorganic pigments which can be applied in different polymers getting bright color good chemical and heat resistance, besides good weather/light fastness.

Exceptions have to be considered when blending these pigments with Titanium Dioxide and Oxidizing Agents since these characteristics can be affected.

These Cadmium Pigments comply with International Limits of Soluble Heavy Metals when applied in toys (EN 71 Part 3) and Indirect Food Contact (Europe Resolution AP 89).

Main Applications:

- * Polyolefines
- * Engineering Polymers
- * Industrial Coating
- * Powder Coating
- * Ceramic
- * Artistic Colors
- * Glasses
- * Road Marking Paint

Los Pigmentos de Cadmio son pigmentos inorgánicos de alta performance que pueden ser aplicados en distintos polímeros obteniendo un color brillante buena resistencia química y a la temperatura, además de buena resistencia a la intemperie/luz.

Se deben tener en cuenta excepciones al mezclar estos pigmentos con Dióxido de Titánio y Agentes Oxidantes, ya que estas características pueden verse afectadas.

Estos pigmentos de cadmio cumplen con los límites internacionales de metales pesados solubles cuando se aplican en juguetes (EN 71 parte 3) y en contacto indirecto con alimentos (Resolución Europea AP 89).

Principales aplicaciones:

- * Poliolefinas
- * Polímeros de Ingeniería
- * Pinturas Industriales
- * Pinturas en Polvo
- * Cerámica
- * Colores Artísticos
- * Vidrios
- * Demarcación Vial

IDENTIFICATION				CADMIUM PIGMENTS							
Product Code	Color Index	Color Constitution Number	CAS Number	Chemical Composition	Heat Stability (°C)	Bulk Density (g/ml)	Residue Retained on ASTM - E11's 325 Mesh (%)	Oil Absorption (% g/100g)	pH	Acid Resistance	Alkali Resistance
Pigment Yellow 6000	PY 35	77205	8048-07-5	CdS, ZnS	600°C	4.7	< 1.0	21.5	6.7	Poor	Excellent
Pigment Yellow 6400	PY 35	77205	8048-07-5	CdS, ZnS	600°C	4.7	< 1.0	21.5	6.7	Poor	Excellent
Pigment Yellow 6600	PY 35	77205	8048-07-5	CdS	600°C	4.7	< 1.0	21.5	6.7	Poor	Excellent
Pigment Yellow 6800	PY 35	77205	8048-07-5	CdS	600°C	4.7	< 1.0	21.5	6.7	Poor	Excellent
Pigment Orange 7000	PO 20	77202	12656-57-4	CdS, CdSe	600°C	4.2	< 1.0	22.5	7.0	Poor	Excellent
Pigment Orange 7200	PO 20	77202	12656-57-4	CdS, CdSe	600°C	4.2	< 1.0	22.5	7.0	Poor	Excellent
Pigment Orange 7400	PO 20	77202	12656-57-4	CdS, CdSe	600°C	4.2	< 1.0	22.5	7.0	Poor	Excellent
Pigment Orange 7600	PO 20	77202	12656-57-4	CdS, CdSe	600°C	4.2	< 1.0	22.5	7.0	Poor	Excellent
Pigment Red 8004	PR 108	77202	58339-34-7	CdS, CdSe	600°C	4.8	< 1.0	22.0	7.3	Poor	Excellent
Pigment Red 8200	PR 108	77202	58339-34-7	CdS, CdSe	600°C	4.8	< 1.0	22.0	7.3	Poor	Excellent
Pigment Red 8400	PR 108	77202	58339-34-7	CdS, CdSe	600°C	4.8	< 1.0	22.0	7.3	Poor	Excellent
Pigment Red 8600	PR 108	77202	58339-34-7	CdS, CdSe	600°C	4.8	< 1.0	22.0	7.3	Poor	Excellent
Pigment Red 8800	PR 108	77202	58339-34-7	CdS, CdSe	600°C	4.8	< 1.0	22.0	7.3	Poor	Excellent

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Reduced shades with titanium dioxide will drop light and weatherfastness of these pigments.

