




















COLOUR MASTERBATCH FOR
CALENDERING
PVC



		Product Name Colour index	Chemical Family	% Pigment	Plasticiser	PVC-p	PVC-r	Lightfastness*		Weather		Core
								full shade	white reduction	0,1% pigment	0,2% pigment +2% TiO2	
		D-Vinil Yellow C-32131-CP Pigment Yellow 53	Ni/Ti	50	DOTP	●	●	8	8	5	5	no
		D-Vinil Yellow A-30225-CP Pigment Yellow 42	Iron oxide	50	ESBO	●	---	8	8	5	5	yes
		D-Vinil Yellow C-30352-CP Pigment Brown 24	Cr/Ti	60	ESBO	●	●	8	8	5	5	no
		D-Vinil Yellow C-30315-CP Pigment Yellow 93	Azo condensation	40	ESBO	●	●	8	7-8	4	3-4	yes
		D-Vinil Yellow C-30556-CP Pigment Yellow 155	Azo condensation	50	DOTP	□	●	8	7-8	4	3	no
		D-Vinil Yellow C-30690-CP Pigment Yellow 17	Diarylide	30	ESBO	●	---	7	6-7	---	---	yes
		D-Vinil Yellow C-30314-CP Pigment Yellow 83	Diarylide	40	ESBO	●	□	7-8	7-8	4-5	3	yes
		D-Vinil Yellow C-30709-CP Pigment Yellow 139	Isoindoline	40	ESBO	●	●	7	7	4	---	no
		D-Vinil Yellow C-30351-CP Pigment Yellow 110	Isoindolinone	50	ESBO	●	●	8	8	5	5	yes
		D-Vinil Yellow C-32189-CP Pigment Yellow 110	Isoindolinone	50	ESBO	●	●	8	8	5	5	no

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								full shade	white reduction	0,1% pigment	0,2% pigment +2% TiO2	
		D-Vinil Orange C-20312-CP Pigment Orange 72	Benzimidazolone	25	ESBO	●	●	8	7-8	4-5	3	no
		D-Vinil Orange C-20538-CP Pigment Orange 79	Azo lake	40	ESBO	●	●	6	3	---	---	no
		D-Vinil Orange C-20311-CP Pigment Orange 64	Benzimidazolone	40	ESBO	●	●	7-8	7-8	3	---	no
		D-Vinil Orange C-20663-CP Pigment Orange 43	Perinone	20	ESBO	●	●	8	7-8	4-5	4	no
		D-Vinil Orange C-20471-CP Pigment Orange 73	Diketo-pyrrolo-pyrrole	20	ESBO	●	●	7-8	6-7	4-5	3-4	no
		D-Vinil Red C-13085-CP Pigment Red 255	Diketo-pyrrolo-pyrrole	20	ESBO	●	●	7-8	7-8	4-5	4	no
		D-Vinil Red C-12438-CP Pigment Red 166	Azo condensation	30	ESBO	●	●	8	7	4-5	3-4	no
		D-Vinil Red C-12808-CP Pigment Red 208	Benzimidazolone	30	ESBO	●	●	7	6-7	3	---	no
		D-Vinil Red C-12505-CP Pigment Red 254	Diketo-pyrrolo-pyrrole	40	ESBO	●	●	8	8	5	3-4	yes
		D-Vinil Red C-13122-CP Pigment Red 254	Diketo-pyrrolo-pyrrole	4	DOTP	●	●	8	8	5	3-4	no

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 D-Vinil Red C-12472-CP Pigment Red 144	Azo condensation	40	ESBO	●	●	8	7-8	4-5	3	yes
 D-Vinil Red C-12503-CP Pigment Red 221	Azo condensation	20	ESBO	●	●	7-8	6-7	3	---	yes
 D-Vinil Red C-13454-CP Pigment Violet 19	Quinacridone	40	ESBO	●	●	8	7-8	4-5	3-4	no
 D-Vinil Red C-12471-CP Pigment Red 48:2	Azo 2B-Toner (Ca)	40	ESBO	●	□	7	6	---	---	yes
 D-Vinil Red C-12504-CP Pigment Red 57:1	Azo 4B-Toner (Ca)	40	ESBO	●	□	6	4	---	---	no
 D-Vinil Red C-13078-CP Pigment Red 122	Quinacridone	20	ESBO	●	●	8	8	5	4-5	no
 D-Vinil Red C-12391-CP Pigment Red 101	Iron oxide	50	ESBO	●	---	8	8	5	5	yes
 D-Vinil Red C-12748-CP Pigment Red 101	Iron oxide	50	ESBO	●	---	8	8	5	5	no
 D-Vinil Violet C-60200-CP Pigment Violet 19	Quinacridone	40	ESBO	●	●	7-8	7	4-5	4	no
 D-Vinil Violet C-60118-CP Pigment Violet 23	Dioxazine	20	ESBO	●	□	8	6-7	4-5	---	no

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								full shade	white reduction	0,1% pigment	0,2% pigment +2% TiO2	
		D-Vinil Blue C-53894-CP Pigment Blue 36	Cobalt Salt	50	ESBO	●	●	8	8	5	5	no
		D-Vinil Blue C-52713-CP Pigment Blue 29	Ultramarine blue (acid resistant)	50	ESBO	●	●	8	8	5	5	no
		D-Vinil Blue C-52683-CP Pigment Blue 29	Ultramarine blue	60	ESBO	●	●	8	8	5	5	yes
		D-Vinil Blue C-52686-CP Pigment Blue 15:3	Cu-Phthalocyanine	50	ESBO	●	●	8	8	4-5	4-5	yes
		D-Vinil Blue C-52494-CP Pigment Blue 15:1	Cu-Phthalocyanine	40	ESBO	●	●	8	8	4-5	4-5	yes
		D-Vinil Blue C-53731-CP Pigment Blue 60	Idanthrone	20	DOTP	●	●	8	7-8	4	3	no
		D-Vinil Green C-40500-CP Pigment Green 17	Chrome oxide green	60	DOTP	●	●	8	8	5	5	no
		D-Vinil Green C-40538-CP Pigment Green 7	Cu-Phthalocyanine	50	ESBO	●	●	8	8	5	4-5	yes
		D-Vinil Green C-40547-CP Pigment Green 7	Cu-Phthalocyanine	20	DOTP	●	●	8	8	5	4-5	no

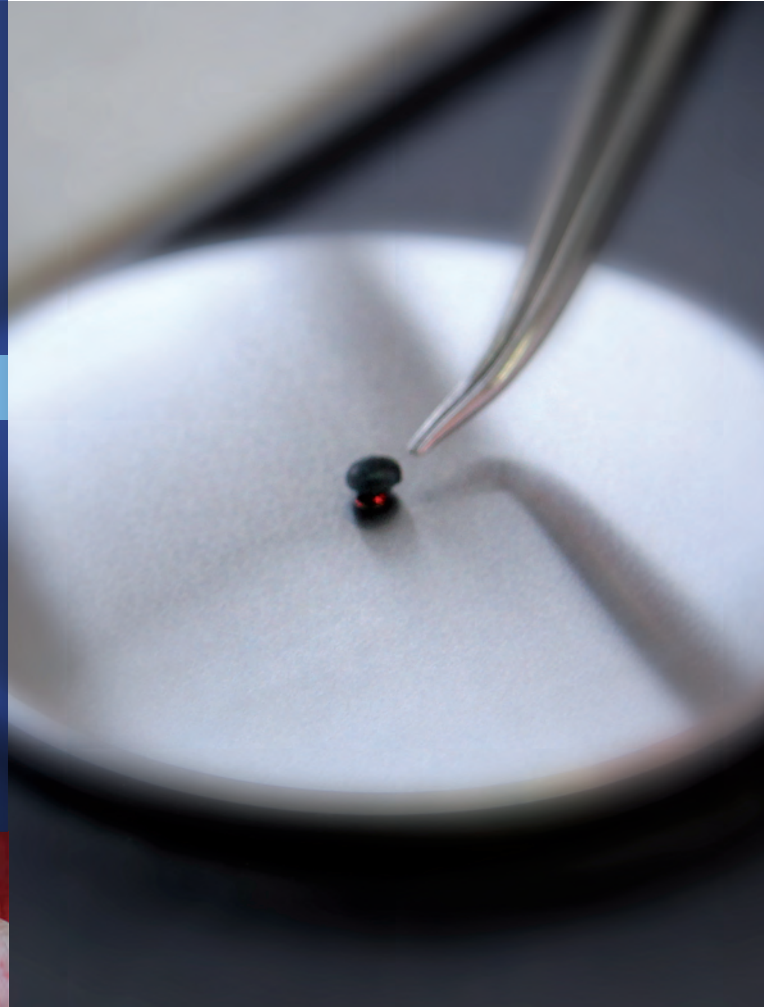
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								full shade	white reduction	0,1% pigment	0,2% pigment + 2% TiO2	
		D-Vinil Black C-80484-CP Pigment Black 7	Carbon black (Type M-430)	35	DOTP	●	●	8	8	5	5	no
		D-Vinil Black C-80614-CP Pigment Black 7	Carbon black (Type SRF)	30	ESBO	●	●	8	8	5	5	yes
		D-Vinil Black C-81494-CP Pigment Black 7	Carbon black (Type SRF)	4	ESBO	●	●	8	8	5	5	no
		D-Vinil Black C-80759-CP Pigment Black 7	Carbon black (Type M-800)	30	ESBO	●	●	8	8	5	5	yes
		D-Vinil Black A-80324-CP Pigment Black 7	Carbon black (Type P-85)	30	ESBO	●	●	8	8	5	5	yes
		D-Vinil Black C-81659-CP Pigment Black 7	Carbon black (Type P-85)	3	DOTP	●	●	8	8	5	5	no
		D-Vinil White C-90160-CP Pigment White 6	TiO2 (Weather resistant)	70	ESBO	●	●	8	8		5	yes
		D-Vinil White C-90342-CP Pigment White 6	TiO2	70	ESBO	●	●	8	8		5	yes

*Colour shade: Organic pigments: full shade 0,500% / white reduction 0,100% + 5% TiO₂
Inorganic pigments: full shade 5% / white reduction 1% + 5% TiO₂

Worldwide Masterbatch Technology

PRESENT IN OVER 60 COUNTRIES

Delta Tecnic, with over 30 years of extensive experience in colour for calendering PVC, provides the industry with a variety of solutions.



Delta Tecnic is focused on becoming a technological partner in production for our clients. Since 1982, we have therefore formulated solutions at the highest service quality, with the target of optimising our customers' processes, and providing in-depth knowledge on market and innovation.

Criopellet Masterbatch

Thanks to our extensive range of cryo-protected monopigment masterbatches, we offer the solution for the formulation of final colours with clean colour uniformity. This enables production of a variety of final colours using a limited number of raw materials. With the use of these masterbatches, the cleanliness of the production process is fully ensured, with a consequent improvement in productivity and cost reduction.

Thanks to the excellent dispersion of the pigments used in the formulation of our masterbatches, agglomeration spots and possible surface defects during the extrusion or calendering process are eliminated.

The excellent dispersion of the masterbatches ensures repeatability of colour between production runs, which is impossible to achieve with the use of pure pigments, and this considerably reduces the amount of non-conforming material due to colour adjustment. In case of pigment pastes manufactured with tricyclindrices, using masterbatches means this section can be eliminated completely, with the consequent labour, space and energy savings.

Additionally, using masterbatches avoids potential effects on workers' health due the use of pigments and the consequent use of volatile elements requiring the use of protective masks, gloves and goggles.

Deltavinil CP

Criopellet

PVC colour masterbatch.

Specially developed for the calendering and compounds industry for producing their own colour formulations.

- Cryogenic grinding
- Final colour accuracy
- Colour regularity
- High pigment concentration
- No dust contamination
- Normally monopigment solution

Particle size

<1000 µm



Micropellet Masterbatch

With our masterbatches in the form of Micropellet or Standard Pellet we can provide final colour solutions for the manufacture of a single colour in long production runs.

This makes our Micropellet the ideal solution for obtaining excellent colour uniformity and cleanliness at all stages of the production process. The risk of errors during weighing and handling is considerably reduced.

Excellent colour regularity and homogeneity are guaranteed.



Deltavinil MP

Micropellet

PVC colour masterbatch.

For all kinds of applications in the PVC manufacturing sector.

Range of products developed for improving masterbatch dilution in the compound.

- Final colour accuracy
- Colour regularity
- Easy dosage
- No dust contamination
- Improved dilution

Particle size

Diameter ~1.0 mm

Length ~2.5 mm



Deltavinil SP

Standard Pellet

PVC colour masterbatch.

For all kinds of applications in the PVC manufacturing sector.

- Final colour accuracy
- Colour regularity
- Easy dosage
- No dust contamination

Particle size

Diameter ~3.0 mm

Length ~3.5 mm



Masterbatch Aluminum/Gold

In our laboratories, thanks to our extensive experience in the use and development of metallic and pearlescent pigments, we carry out matching of aluminium, gold and bronze colours.

Thanks to our extruders, specially designed for the manufacture of aluminium and gold Masters, Delta Tecnic can guarantee an optimum metallic effect in our clients' sheets, thus facilitating the development of new colours. With our encapsulated Masterbatch solution plant cleanliness is guaranteed and contamination of other production processes by metallic particles suspended in the environment is completely eliminated.



Properties

Products specially developed for the coloration of rigid & flexible PVC films. We support the calendering industry to develop infinite colours using a small number of monopigment masterbatches with excellent dilution and dispersion.

We also offer tailor-made masterbatches, reducing raw materials and giving excellent colour regularity between production runs.



Excellent colour dilution due to the special formulation.



Excellent colour regularity within the same batch and between different batches.



Clean solution. Cleaner process compared to pure powder pigments.



Improved production processability.



Excellent pigment dispersion avoiding agglomerates.



Golden and Silver effect.



Process Simplification

COLOUR MASTERBATCH FOR
CALENDERING PVC

Service Technology Sustainability & Trust



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