

Dei®Base Masterbatches

Universally applicable colour Masterbatches

Dei®
Base

The **Dei®Base masterbatches** are a range of 50 relatively universally applicable colour masterbatches. In developing of these masterbatches a high standard of quality was paid attention to. Nearly all of these **Dei®Base types** are regarding the pigments **up to 270 °C to 300 °C heat resistant** and have very **high fastness to light (7-8)**. All colour types are physiologically harmless and are in **quantities from 1 kg directly available from stock**.

▶ POSSIBLE FIELD OF APPLICATION

The possible applications of a masterbatch for various kinds of plastics depend on the characteristics of the used pigments as well as on the specifications of the base polymer.

Nearly all of our **Dei®Base** masterbatches are based on LDPE, which can be used without trouble, as experience shows, beside **Polyethylen** also in **PP, SB, PA, PBT, TPE** and many times even in **ABS** and **POM** [please compare with application scale].

Furthermore, the high temperature resistance of the used pigments allows a **wide field of application in all different kinds of polymers**.

The suitability in individual cases is to be tested and verified under your specific production conditions.

Sample material for testing is promptly available on request and **free of charge**.



▶ LEGAL REGULATIONS

When developing this **Dei®Base** colour range, we attached great importance to a general usage for **various industries**.

For this reason, almost all **Dei®Base masterbatches** are in compliance with the relevant legal provisions respectively regulations and directives. On request we will gladly give detailed information for the individual types.

▶ PELLET SIZE

All grades are supplied as uniform cylindrical or lenticular granules. The well-known grain fineness and uniformity of our granules ensure a smooth colouring process with low masterbatch consumption.

▶ OTHERS

These information are based on our current level of knowledge and experience. They are no assurance of certain properties and do not release producers from the obligation to make own tests.

	MB-No.	Description	RAL Pantone	*Temp.-resistance	fastness to light	PE	PP	SB	ABS	PA	PBT	TPE
GELB	4609 U-6	Dei®Base - Golden yellow	1225 C	300	7	●	●	●	⊙	○	⊙	●
	4944 U-6	Dei®Base - Signal yellow	RAL 1003	300	7	●	●	●	⊙	○	●	●
	5140-6	Dei®Base - Maize yellow	RAL 1006	300	7	●	●	●	⊙	○	⊙	●
	4962 U-6	Dei®Base - Sulfur yellow	RAL 1016	270	6-7	●	●	●	⊙	○	⊙	●
	4625 U-6	Dei®Base - Zinc yellow	RAL 1018	270	7	●	●	●	⊙	○	⊙	●
	4839 U-6	Dei®Base - Dahlia yellow	RAL 1033	290	7	●	●	●	⊙	○	○	●
ROT	1980 N-6	Dei®Base - Red orange	172 C	280	5	●	●	⊙	⊙	○	○	●
	2388 U-6	Dei®Base - Vermilion	RAL 2002	290	6-7	●	●	⊙	⊙	○	○	●
	4846 U-6	Dei®Base - Deep orange	RAL 2008	300	7	●	●	●	⊙	○	○	●
	2076-6	Dei®Base - Signal red	RAL 3001	300	7-8	●	●	⊙	⊙	○	○	●
	1761 R-6	Dei®Base - Traffic red	RAL 3020	300	7-8	●	●	⊙	⊙	○	○	●
	2520-6	Dei®Base - Traffic red	RAL 3020	270	8	●	●	○	○	○	○	○
BLAU	2105-6	Dei®Base - Raspberry red	RAL 3027	300	8	●	●	⊙	⊙	○	○	●
	2875 U-6	Dei®Base - Blue	2727 C	300	8	●	●	●	⊙	●	●	●
	2978 U-6	Dei®Base - Light blue	2925 C	270	8	●	●	●	⊙	●	●	●
	B 2663-6	Dei®Base - Violet	RAL 5013	300	7-8	●	●	○	○	○	○	⊙
	3165 U-6	Dei®Base - Signal blue	286 C	300	8	●	●	●	⊙	⊙	⊙	⊙
	16043 U-6	Dei®Base - Blue	293 C	270	7-8	●	●	●	⊙	●	●	●
GRÜN	2772 N-6	Dei®Base - Ultramarine blue	RAL 5002	300	8	●	●	●	⊙	●	●	●
	B 3557-6	Dei®Base - Sapphire blue	RAL 5013	260	7-8	●	●	●	○	○	○	⊙
	2636 U-6	Dei®Base - Sky blue	RAL 5015	300	8	●	●	●	⊙	●	●	●
	9475 U-6	Dei®Base - Light traffic green	347 C	270	7	●	●	●	⊙	○	⊙	●
	3899 U-6	Dei®Base - Signal green	356 C	300	6-7	●	●	●	⊙	○	●	●
	4443 U-6	Dei®Base - Light yellow green	368 C	270	7	●	●	●	⊙	○	⊙	●
BRAUN	4001 U-6	Dei®Base - Traffic green	RAL 6024	270	7	●	●	●	⊙	○	⊙	●
	3667 U-6	Dei®Base - Pine green	RAL 6028	300	8	●	●	●	⊙	●	●	●
	3844 U-6	Dei®Base - Mint green	RAL 6029	270	7	●	●	●	⊙	○	⊙	●
	4298-6	Dei®Base - Mint green II	RAL 6029	280	6-7	●	●	●	⊙	○	●	●
	6727 N-6	Dei®Base - Orange brown	RAL 8023	300	8	●	●	●	⊙	●	○	⊙
	6515-6	Dei®Base - Red brown	1675 C	300	8	●	●	●	⊙	●	●	●
GRAU	A 5748-6	Dei®Base - Brown	469 C	300	8	●	●	●	⊙	●	●	●
	1696-6	Dei®Base - Terracotta	0405040	300	8	●	●	●	⊙	●	●	●
	4874 U-6	Dei®Base - Beige	RAL 1001	300	8	●	●	●	⊙	●	●	●
	5324 U-6	Dei®Base - Light Ivory	RAL 1015	300	8	●	●	●	⊙	●	●	●
	8178-6	Dei®Base - brown	RAL 8011	300	8	●	●	●	⊙	●	●	●
	6763 N-6	Dei®Base - Red brown	RAL 8012	260	8	●	●	●	⊙	●	●	●
ANDERE	6389 D-6	Dei®Base - Chocolate brown	RAL 8017	300	8	●	●	●	⊙	●	●	●
	6324-6	Dei®Base - Black brown	RAL 8022	260	8	●	●	●	⊙	●	●	●
	7040 K-6	Dei®Base - Graphite grey	Cool Grey11 C	300	8	●	●	●	⊙	●	●	●
	7206-6	Dei®Base - Grey	7540 C	300	8	●	●	●	⊙	●	●	●
	8000-6	Dei®Base - Grey	421 C	300	8	●	●	●	⊙	●	●	●
	6345-6	Dei®Base - Telegrey 1	443 C	300	8	●	●	●	⊙	●	●	●
ANDERE	7955 B-6	Dei®Base - Anthracite grey	RAL 7016	300	8	●	●	●	⊙	●	●	●
	7530-6	Dei®Base - Black grey	RAL 7021	300	8	●	●	●	⊙	●	●	●
	6754 K-6	Dei®Base - Light grey	RAL 7035	300	8	●	●	●	⊙	●	●	●
	7095 D-6	Dei®Base - Window grey	RAL 7040	300	8	●	●	●	⊙	●	●	●
	6452 HK-6	Dei®Base - Telegrey 2	RAL 7046	300	8	●	●	●	⊙	●	●	●
	16401-6	Dei®Base - Pearl yellow gold		300	8	●	●	●	⊙	●	●	●
16402-6	Dei®Base - Pearl light silver	RAL 9022	300	7-8	●	●	●	⊙	●	●	●	
16474-6	Dei®Base - Pearl dark grey		300	8	●	●	●	⊙	●	●	●	
16538-6	Dei®Base - Pearl dark silver		300	7-8	●	●	●	⊙	●	●	●	

● suitable ⊙ suitable to a limited extent ○ not suitable

* The given information regarding temperature resistance refer to the used pigments. The maximum process temperature of the polymer has to be taken into consideration. The given technical informations are based on our experiences. You have to make your own testing to verify if the products meet your requirements. We can not be held liable for any information given and no legitimate claim can be derived from them.