# Dei®Base Masterbatch

We have a range of 52 relatively universally applicable colour Masterbatches. In developing these Masterbatches a high standard of quality was ensured. Nearly all of these Dei®Base types are from 270°C to 300°C heat resistant and have the highest light fastness (7-8).

All colour types are physiologically harmless, without addition of lead, cadmium or diarylide pigments and comply with the usual provisions and regulations. They can be delivered in quantities as small as 25 kg direct from stock.

## Possible field of application

The possible applications of a Masterbatch for all different kind of plastics depends on the characteristics of the used pigments as well as on the specifications of the base polymer, which was chosen as carrier material.

All of our Dei®Base Masterbatches are based on LDPE, which can be used without trouble, from our experience, beside Polyethylen also in PP, SB, PA, PBT, TPE and many times also in ABS and POM (please compare with application scale).

Also the high temperature resistance of the used pigments allow a wide field of application in all different kind of polymers.

The suitability in individual cases has to be tested and verified under your specific production conditions. Available on request you get of course prompt sample materials for testing.

## Pellet size

All sorts will be delivered in consistent cylindrical pellets. The known grain fineness and uniformity of our pellets ensure a smooth colouring process with low Masterbatch consumption.

## Legal regulations

In developing this Dei®Base colour range we attached importance to a general usage for varying industries.

For this reason almost all Dei®Base Masterbatches are in compliance with the appropriate regulations. On request we can give you more information for each type.

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# Dei®Base Masterbatch

| MB-No. | Description | RAL Pantone | *Temp.-resistance | fastness to light | PE | PP | SB | ABS | PA | PBT | TPE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 146-6 | Dei®Base - Nut brown | RAL 8011 | 260 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 1696-6 | Dei®Base - Terracotta | 0405004 | 300 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 1915 U-6 | Dei®Base - Traffic red | RAL 3020 | 260 | 3-4 | ● | ● | ● | ⦿ | ○ | ○ | ○ |
| 1980 U-6 | Dei®Base - Red orange | 172 C | 300 | 7-8 | ● | ● | ⦿ | ⦿ | ○ | ⦿ | ● |
| 2105-6 | Dei®Base - Raspberry red | RAL 3027 | 300 | 8 | ● | ● | ● | ⦿ | ○ | ○ | ● |
| 2289 U-6 | Dei®Base - Signal red | RAL 3001 | 250 | 4-5 | ● | ● | ⦿ | ⦿ | ○ | ○ | ⦿ |
| 2388 U-6 | Dei®Base - Vermilion | RAL 2002 | 290 | 6 | ● | ● | ● | ⦿ | ○ | ○ | ● |
| 2520-6 | Dei®Base - Traffic red | RAL 3020 | 270 | 8 | ● | ● | ⦿ | ○ | ○ | ○ | ⦿ |
| 2636 U-6 | Dei®Base - Sky blue | RAL 5015 | 300 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 2747 U-6 | Dei®Base - Violet | 268 C | 280 | 7-8 | ● | ● | ● | ⦿ | ○ | ○ | ● |
| 2772 N-6 | Dei®Base - Ultramarine blue | RAL 5002 | 300 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 2875 U-6 | Dei®Base - Blue | 2727 C | 300 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 2978 U-6 | Dei®Base - Light blue | 2925 C | 300 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 3165 U-6 | Dei®Base - Signal blue | 286 C | 300 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 3192 U-6 | Dei®Base - Saphire blue | RAL 5003 | 270 | 7 | ● | ● | ● | ⦿ | ○ | ⦿ | ● |
| 3667 U-6 | Dei®Base - Pine green | RAL 6028 | 300 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 3844 U-6 | Dei®Base - Mint green | RAL 6029 | 270 | 7 | ● | ● | ● | ⦿ | ○ | ⦿ | ● |
| 3899 U-6 | Dei®Base - Signal green | 356 C | 300 | 6-7 | ● | ● | ● | ⦿ | ○ | ● | ● |
| 4001 U-6 | Dei®Base - Traffic green | RAL 6024 | 270 | 7 | ● | ● | ● | ⦿ | ○ | ⦿ | ● |
| 4443 U-6 | Dei®Base - Light yellow green | 368 C | 270 | 7 | ● | ● | ● | ⦿ | ○ | ⦿ | ● |
| 4609 U-6 | Dei®Base - Golden yellow | 1225 C | 300 | 6 | ● | ● | ● | ⦿ | ○ | ⦿ | ● |
| 4625 U-6 | Dei®Base - Zinc yellow | RAL 1018 | 270 | 7 | ● | ● | ● | ⦿ | ○ | ⦿ | ● |
| 4839 U-6 | Dei®Base - Dahila yellow | RAL 1033 | 290 | 6-7 | ● | ● | ● | ⦿ | ○ | ○ | ● |
| 4846 U-6 | Dei®Base - Deep orange | RAL 2011 | 300 | 7 | ● | ● | ● | ⦿ | ○ | ● | ● |
| 4874 U-6 | Dei®Base - Beige | RAL 1001 | 300 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 4944 U-6 | Dei®Base - Signal yellow | RAL 1003 | 300 | 7 | ● | ● | ● | ⦿ | ○ | ● | ● |
| 4962 U-6 | Dei®Base - Sulfur yellow | RAL 1016 | 270 | 6-7 | ● | ● | ● | ⦿ | ○ | ⦿ | ● |
| 5140-6 | Dei®Base - Maize yellow | RAL 1006 | 300 | 7 | ● | ● | ● | ⦿ | ○ | ⦿ | ● |
| 5324 U-6 | Dei®Base - Light ivory | RAL 1015 | 300 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 6324-6 | Dei®Base - Black brown | RAL 8022 | 260 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 6345-6 | Dei®Base - Telegrey 1 | 443 C | 300 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 6389 D-6 | Dei®Base - Chocolate brown | RAL 8017 | 300 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 6452 HK-6 | Dei®Base - Telegrey 2 | RAL 7046 | 300 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 6515-6 | Dei®Base - Rotbraun | 1675 C | 300 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 6754 K-6 | Dei®Base - Light grey | RAL 7035 | 300 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 6757 D-6 | Dei®Base - Mahogany brown | 469 C | 260 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 6763 N-6 | Dei®Base - Red brown | RAL 8012 | 260 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 7040 K-6 | Dei®Base - Graphite grey | ool Grey11 C | 300 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 7095 D-6 | Dei®Base - Window grey | RAL 7040 | 300 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 7206-6 | Dei®Base - Grey | 7540 C | 300 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 7530-6 | Dei®Base - Black grey | RAL 7021 | 300 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 7955 B-6 | Dei®Base - Anthracite grey | RAL 7016 | 300 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 8000-6 | Dei®Base - Grey | 421 C | 300 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 8616 U-6 | Dei®Base - Orange brown | RAL 8023 | 270 | 8 | ● | ● | ⦿ | ⦿ | ○ | ⦿ | ● |
| 9475 U-6 | Dei®Base - Light traffic green | 347 C | 270 | 7 | ● | ● | ● | ⦿ | ○ | ⦿ | ● |
| 16043 U-6 | Dei®Base - Blue | 293 C | 300 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 16473-6 | Dei®Base - Pearl dark gold | | 300 | 8 | ● | ● | ● | ⦿ | ○ | ● | ● |
| 16401-6 | Dei®Base - Pearl yellow gold | | 300 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 16402-6 | Dei®Base - Pearl light silver | RAL 9022 | 300 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 16474-6 | Dei®Base - Pearl dark grey | | 300 | 8 | ● | ● | ● | ⦿ | ● | ● | ● |
| 16538-6 | Dei®Base - Pearl dark silver | | 300 | 5 | ● | ● | ● | ⦿ | ● | ● | ● |
| 16724-6 | Dei®Base - Signal white | RAL 9003 | 300 | - | ● | ● | ● | ⦿ | ● | ● | ● |

● suitable ⦿ limited suitable ○ 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.