























# High-performance colorants and tinting systems

HEUCOTINT™ UN 41 Series - Technical Datasheet

**heubach**

| HEUCOTINT™ UN<br>41 Series |  |   |   |                   |                           |                                 |           |                                     |           |                          |        |  |  |
|----------------------------|--|---|---|-------------------|---------------------------|---------------------------------|-----------|-------------------------------------|-----------|--------------------------|--------|--|--|
| Product                    | Color Index /<br>Chemical Type                 | Full Shade  | Reduction<br>with TiO <sub>2</sub>  | Density<br>[g/ml] | Pigment<br>content<br>[%] | Light<br>Fastness <sup>1)</sup> |           | Weather<br>Resistance <sup>1)</sup> |           | Resistance <sup>1)</sup> |        |  |  |
|                            |  |   |   |                   |                           | Full tone                       | Reduction | Full tone                           | Reduction | Acid                     | Alkali |  |  |
| HEUCOTINT™ UN<br>410060    | Pigment White 6<br>Titanium Dioxide            |    |    | 1.95              | 63                        | 8                               | 8         | 5                                   | 5         | 5                        | 5      |  |  |
| HEUCOTINT™ UN<br>411380    | Pigment Yellow 138<br>Quinophthalone Yellow    |    |    | 1.35              | 12                        | 8                               | 7 - 8     | 5                                   | 4 - 5     | 5                        | 4 - 5  |  |  |
| HEUCOTINT™ UN<br>411381    | Pigment Yellow 138<br>Quinophthalone<br>Yellow |    |    | 1.28              | 20                        | 8                               | 7 - 8     | 5                                   | 4 - 5     | 5                        | 5      |  |  |
| HEUCOTINT™ UN<br>410740    | Pigment Yellow 74<br>Arylide Yellow            |    |    | 1.31              | 18                        | 7                               | 5         | 4 - 5                               | 3         | 5                        | 5      |  |  |
| HEUCOTINT™ UN<br>410741    | Pigment Yellow 74<br>Arylide Yellow            |    |    | 1.30              | 28                        | 7                               | 5         | 4 - 5                               | 3         | 5                        | 4 - 5  |  |  |
| HEUCOTINT™ UN<br>410830    | Pigment Yellow 83<br>Diarylide Yellow          |    |    | 1.27              | 22                        | 7 - 8                           | 6 - 7     | 3                                   | 2 - 3     | 5                        | 5      |  |  |
| HEUCOTINT™ UN<br>410420    | Pigment Yellow 42<br>Iron Oxide Yellow         |    |    | 1.80              | 55                        | 8                               | 8         | 5                                   | 5         | 5                        | 5      |  |  |
| HEUCOTINT™ UN<br>411680    | Pigment Red 168<br>Anthanthrone Red            |  |  | 1.31              | 12                        | 8                               | 8         | 5                                   | 5         | 5                        | 5      |  |  |
| HEUCOTINT™ UN<br>411120    | Pigment Red 112<br>Naphthol AS Red             |  |  | 1.30              | 20                        | 7 - 8                           | 6 - 7     | 4 - 5                               | 2 - 3     | 5                        | 5      |  |  |
| HEUCOTINT™ UN<br>411121    | Pigment Red 112<br>Naphthol AS Red             |  |  | 1.17              | 43                        | 7 - 8                           | 6 - 7     | 4 - 5                               | 2 - 3     | 5                        | 5      |  |  |
| HEUCOTINT™ UN<br>411880    | Pigment Red 188<br>Naphthol AS Red             |  |  | 1.45              | 9                         | 6 - 7                           | 6 - 7     | 3 - 4                               | 3 - 4     | 5                        | 5      |  |  |

| HEUCOTINT™ UN<br>41 Series |  |   |   |                   |                           |                                 |           |                                     |           |                          |        |  |  |
|----------------------------|--|---|---|-------------------|---------------------------|---------------------------------|-----------|-------------------------------------|-----------|--------------------------|--------|--|--|
| Product                    | Color Index /<br>Chemical Type           | Full Shade  | Reduction<br>with TiO <sub>2</sub>  | Density<br>[g/ml] | Pigment<br>content<br>[%] | Light<br>Fastness <sup>1)</sup> |           | Weather<br>Resistance <sup>1)</sup> |           | Resistance <sup>1)</sup> |        |  |  |
|                            |  |   |   |                   |                           | Full tone                       | Reduction | Full tone                           | Reduction | Acid                     | Alkali |  |  |
| HEUCOTINT™ UN<br>412540    | Pigment Red 254<br>Diketopyrrolo-Pyrrole |    |    | 1.30              | 36                        | 8                               | 7 - 8     | 4 - 5                               | 4         | 5                        | 5      |  |  |
| HEUCOTINT™ UN<br>411220    | Pigment Red 122<br>Quinacridone Magenta  |    |    | 1.15              | 21                        | 8                               | 7 - 8     | 4                                   | 4         | 5                        | 5      |  |  |
| HEUCOTINT™ UN<br>411010    | Pigment Red 101<br>Iron Oxide Red        |    |    | 1.94              | 46                        | 8                               | 8         | 5                                   | 5         | 5                        | 5      |  |  |
| HEUCOTINT™ UN<br>410190    | Pigment Violet 19<br>Quinacridone Violet |    |    | 1.25              | 12                        | 8                               | 7         | 5                                   | 4         | 5                        | 5      |  |  |
| HEUCOTINT™ UN<br>410230    | Pigment Violet 23<br>Dioxazine Violet    |    |    | 1.40              | 2                         | 7 - 8                           | 7 - 8     | 4 - 5                               | 4         | 5                        | 5      |  |  |
| HEUCOTINT™ UN<br>410360    | Pigment Green 36<br>Phthalocyanine Green |    |    | 1.40              | 10                        | 8                               | 8         | 5                                   | 5         | 5                        | 5      |  |  |
| HEUCOTINT™ UN<br>410070    | Pigment Green 7<br>Phthalocyanine Green  |    |    | 1.37              | 20                        | 8                               | 8         | 5                                   | 5         | 5                        | 5      |  |  |
| HEUCOTINT™ UN<br>411540    | Pigment Blue 15:3<br>Phthalocyanine Blue |  |  | 1.40              | 7                         | 8                               | 8         | 5                                   | 5         | 5                        | 5      |  |  |
| HEUCOTINT™ UN<br>411530    | Pigment Blue 15:3<br>Phthalocyanine Blue |  |  | 1.40              | 25                        | 8                               | 8         | 5                                   | 5         | 5                        | 5      |  |  |
| HEUCOTINT™ UN<br>410000    | Pigment Mix<br>Umbr                      |  |  | 1.60              | 35                        | 8                               | 8         | 5                                   | 5         | 5                        | 5      |  |  |
| HEUCOTINT™ UN<br>410071    | Pigment Black 7<br>Carbon Black          |  |  | 1.48              | 6                         | 8                               | 8         | 5                                   | 5         | 5                        | 5      |  |  |

<sup>1)</sup> Information is based on data from pigment supplier  
 These information are guidance figures only, testing in customer products is recommended. Light Fastness is measured on a scale from 1 to 8, where 1 = severe change , 8 = no change. Weather Resistance is measured on a scale from 1 to 5, where 1 = severe change , 5 = no change.  
 The colors above have been generated electronically and should therefore not be used for comparison purposes.  
 The colors are meant to give a first impression of the shade



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