Lugafast® reactive dyes

- Lugafast® Black AN
- Lugafast® Red RR
- Lugafast® Brown BC
- Lugafast® Brown BB
- Lugafast® Yellow GG
- Lugafast® Blue

Brilliant Solutions with Leather Technology from BASF
Lugafast® reactive dyes offer sensational wet fastnesses that prevent colors from staining while ensuring top migration fastnesses. Thanks to its chemical bonding ability, Lugafast® reactive dyes irreversibly bond to leather fibers. Never before has it been possible to obtain perspiration and wash fastnesses that Lugafast® reactive dyes can now provide on both chrome and on organically tanned leathers. The leather’s color simply won’t stain – whether directly onto skin, or onto other surfaces such as textiles or plastics. With Lugafast® reactive dyes it is now possible to create entirely new combinations with other materials, thus providing innovative design solutions and ingenious product variations.

Want to develop products full of contrasts, brilliance, and fantasy? Let us inspire you!

Discover the dye that is revolutionizing the world of leather.

Excellent fastness properties open up a wide range of completely new possibilities.

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<table>
<thead>
<tr>
<th>Perspiration fastness according to DIN EN ISO 11641</th>
<th>Wash-fastness 40°C according to DIN EN ISO 15703</th>
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<tbody>
<tr>
<td>Bovine split suede shoe upper leather</td>
<td>Full-grain lining shoe upper leather</td>
</tr>
<tr>
<td>Dyed with acid dye</td>
<td>Dyed with acid dye</td>
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<tr>
<td>Dyed with Lugafast® reactive dyes</td>
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- Excellent fastness properties prevent colors from staining while ensuring migration fastness
- Color will not migrate onto skin
- Perspiration-resistant and wash-fast, improved rub fastness
- Color will not stain other materials (e.g. textiles or plastics)
- Completely new combination possibilities with light-colored materials
Lugafast® reactive dyes. The world’s first reactive dyes for leather offer you sensational advantages.

- BASF has developed the world’s first reactive dyes, designed specifically for leather drum-dyeing applications. Lugafast® reactive dyes provide a wide range of revolutionary advantages.
- These versatile dyes provide the highest migration fastnesses allowing entirely new combinations of leather with other materials, which were up until now not possible, enabling new sensational designs to be created.
- Now, high-quality leather articles with exceptional fastnesses can be achieved from a wide variety of raw materials.
- The new coloring system is easy to apply and displays superb efficiency. Thus, your leather-making processes are assured of excellent process optimization and reliability.
- Lugafast® reactive dyes are specifically designed to produce many different kinds of leather articles with a large variety of characteristics. Examples include: nappa leather, full-grain shoe uppers, milled or nubuck, and suede leather.
- The Lugafast® dye range is completed by Lugafast® Fix FL, a liquid auxiliary for improved and reproducible dye fixation, providing safe handling, easy application, and shorter pH regulation during the whole dyeing process.
Lugafast® reactive dyes ensures top-quality full-grain and luxury fine leathers.

- Thanks to the innovative dyeing process it is now possible to produce full-grain and luxury fine leathers from a wide range of raw materials.
- Lugafast® reactive dyes make it possible to completely through-dye leather using an exceptionally efficient and consistent process.
- Leather dyeing processes requiring extremely deep shades can be superbly performed – without tendency to bronzing.
- With Lugafast® reactive dyes the leather's grain is improved – especially in critical areas. Flaws in the grain, especially in the belly regions of the leather, are more even, providing improved surface quality yield.
- Leather dyeing with Lugafast® reactive dyes ensures excellent grain consistency. It provides reliably good covering of blemishes and good grain-strength; thus, thinner finishes are required.
- Leathers dyed with Lugafast® reactive dyes are especially suitable for very elegant semi-aniline finishes.

### Seawater fastness according to DIN EN ISO 105 E02

Full-grain lining shoe upper leather

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<tr>
<th>Dyed with acid dye</th>
<th>Dyed with Lugafast® reactive dyes</th>
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<tbody>
<tr>
<td>flesh side</td>
<td>grain side</td>
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Process-optimized single-bath drum dyeing provides excellent reliability.

The process is simply revolutionary because it is revolutionarily simple. The entire dyeing process is completed in a single-bath drum application. Lugafast® reactive dyes require no pre-dissolving. Neutralization, dye penetration, and fixation of the dye to the leather fibers are completed in one step. There is no danger of staining contact materials or skin during subsequent mechanical processing procedures, and there is no need to extensively clean machines before reusing them for lighter color applications.

With Lugafast® reactive dyes the complete dyeing process is optimized. It is now possible to process leather far more reliably and efficiently.

We recommend Lugafast® reactive dyes for the following leather articles:

- High-quality, easy to clean clothing leather for all kinds of articles
- Shoe-upper leather for high-quality athletic footwear and unlined shoes
- Perspiration-resistant lining leather for shoes and garments
- Non-staining leather gloves
- Washable shoe upper, garment, and jeans label leather
- Perforated leather as well as nubuk and suede leather with excellent wet, rub, and migration fastness properties
- Upholstery leather for various applications
Available Lugafast® shades

* Designed by Ars Arpel School, Milan, Italy
www.arsarpel.it

www.basf.com/leather