

Isoguard FHC

Isoguard FHC is a water-based fluorocarbon polymer emulsion. It imparts water and oil repellency to e.g. textiles and nonwovens.

Material Definition

Appearance: Off-white to pale yellow emulsion

pH value: 2.1 - 6.0

Solid content: 29.0 - 31.0 %

Density @23°C: Approx. 1.07 - 1.17 g/cm³

Applications

Isoguard FHC is a water-based fluorocarbon polymer emulsion designed to provide water and oil repellency to various materials, such as textiles and nonwovens. It is based on C-6 chemistry.

This fluorocarbon polymer provides water and oil repellency for a wide range of fabric substrates. When used with a crosslinker, it is well suitable for high durability products where Isoguard FHC demonstrates excellent performance in rain-shower-tests (Bundesmann).

Isoguard FHC offers excellent processability and exhibits high efficiency at low dosages, making it user-friendly and easily integrable into various manufacturing processes.

Storage

The optimum storage and handling temperature range is 5 °C to 30 °C. The product must be protected from heat and frost in order to maintain viability. Containers must not be re-stocked after they have been opened. Properly stored, Isoguard FHC is stable for at least 18 months after the shipment has left our warehouse.

Packaging

Isoguard FHC is available in IBCs (1000kg each) and drums (200kg each).
MoQ are 2 pallets with 8 drums or 1 IBC.

Regulatory Information

EU REACH registered: Not applicable

Availability

- Americas (United States, Canada, South America)
- APAC (Asia-Pacific)
- ANZ (Australia, New Zealand)
- EU (European Union)
- PRC (People's Republic of China)
- UK (United Kingdom)

Disclaimer / Conditions



Revision: 2023-09-25 / c2f2

We strive to be accurate in all of our documentation. However, any information or advice is provided by us in good faith, without warranty or unlimited claim of fitness for a specific application. We sell to qualified industrial users only. The onus is on the product's user to research carefully and then to continually test the product and its application procedures within the context of its specific use. Use of our products and data requires diligence and care, and is within the sole responsibility of the user. Kautschuk-Group does not accept any liability for damages incurred. Our general [Terms and Conditions \(/info/toc\)](#) apply.

Stated storage and shelf life times are minimum guaranteed values for a period starting on the day of shipment. After this period has expired, the product requires additional quality control testing but may very well still be within specification. For more information, refer to our [Shelf Life Policy \(/info/shelflife\)](#).

For updates on product information, please check this web page regularly:
<https://kautschuk.com/products/textile/isoguard-fhc>
(<https://kautschuk.com/products/textile/isoguard-fhc>)

This page is also available in: **Deutsch**
(<https://de.kautschuk.com/products/textile/isoguard-fhc>), Español
(<https://es.kautschuk.com/products/textile/isoguard-fhc>), Français
(<https://fr.kautschuk.com/products/textile/isoguard-fhc>), 简体中文
(<https://cn.kautschuk.com/products/textile/isoguard-fhc>), Italiano
(<https://it.kautschuk.com/products/textile/isoguard-fhc>), Türkçe
(<https://tr.kautschuk.com/products/textile/isoguard-fhc>), 日本語
(<https://jp.kautschuk.com/products/textile/isoguard-fhc>).

© 2001-2024 Kautschuk Group · Isochem Limited · 340 Queen's Road,
Central, · Hong Kong, SAR

For inquiries, contact: **info@kautschuk.com (<mailto:info@kautschuk.com>)**

[Status \(/status\)](#) · [Policies \(/info\)](#) · [Privacy \(/info/privacy\)](#) · [Terms \(/info/toc\)](#) · [Imprint \(/info/imprint\)](#)