



CROSSLINKING AGENTS

HYDROSIN C-28

CROSSLINKER FOR TEXTILE APPLICATIONS



DESCRIPTION

HYDROSIN C-28 is a water-based and solvent-free blocked polyisocyanate. It is used as a crosslinker agent in the textile auxiliaries, improves the durability of cross-linkable dispersions in pad application and in lamination.

HYDROSIN C-28 in combination with fluorinated products, improves their hydro-oil repellence and washing durability.

TECHNICAL INFORMATION

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|---------------|---|
| APPEARANCE | White dispersion |
| IONIC CHARGE | Non ionic |
| pH | 6 - 8 |
| DILUTION | Miscible in all proportions with (cold) water |
| FLASH POINT | > 100°C (212°F) |
| BOILING POINT | 100°C (212°F) |
| ACTIVE MATTER | 39 - 41% (wt) |

SPECIAL FEATURES

- Improves the efficiency of fluorocarbon products.
- Water-based emulsion, non-flammable.
- Formaldehyde-free.
- Does not contain PFC, PFOA, PFOS, APEO or organotin.

TECHNICAL SPECIFICATIONS

Solid content: **39 - 41%**

pH: **6 - 8**

APPLICATIONS

HYDROSIN C-28 diluted with cold water and added to the finishing bath can be applied by padding process. Depending on the required treatment, we suggest to use between 5 to 20 g/l of the product or to add 10 - 20% in the whole formulation.

STORAGE AND STABILITY

HYDROSIN C-28 should be stored at temperature between 5 and 40°C. In this condition it can be kept for at least 6 months.

NOTES FOR APPLICATIONS

■ 100 % PES

10 - 40 g/l Fluorocarbon resin
2 - 5 g/l HYDROSIN C-28
0,2 ml/l Acetic acid 60%

- Pad, cure 20 - 40 seconds at 170 - 180°C

■ PES/CO or 100% Cotton

30 - 50 g/l Fluorocarbon resin
5 - 10 g/l HYDROSIN C-28
1 ml/l Acetic acid 60%

- Pad, cure 2 - 4 minutes at 150 - 160°C
or 20 seconds at 175 - 180°C

PERSONAL SAFETY

Please carefully read the current Safety Data Sheet for a safety use of the product.

PACKAGING

- **Kg 120** / Plastic drum 1H2
- **Kg 1000** / IBC 31HA1