

Technical - Information

AVCO-CATALYST WR

CATALYST FOR TEXTILE WATER REPELLENT FINISHING

AVCO-CATALYST WR is a catalyst used for finishing with Non-flourine or flouro-water repellent to improve the water repellency and durability with frequent laundering. It also improves the fastness to dry cleaning.

SPECIFICATIONS:

Appearance	Clear, yellowish liquid.
Chemical nature	Block poly-isocyanate.
Ionicity	Nonionic.
Solubility	Readily miscible with cold or warm water.
pH (as is)	6 ± 1
Compatibility	1. Compatible with nonionic and cationic products. 2. The compatibility with anionic product should be pretest before use.
Storage stability	When stored in closed original packages, shelf life is at least 12 months.

PROPERTIES & USES:

1. Catalyst for Fluoro as well as for non-flourine water repellent.
2. In combination with water repellent, AVCO-CATALYST WR optimizes water repellency on the treated goods.
3. AVCO-CATALYST WR significantly improves the durability of water repellency even after frequent laundering and dry cleaning.
4. AVCO-CATALYST WR is very suitable for permanent water repellent finish.
5. AVCO-CATALYST WR is cost-effective by reducing the dosage of the water repellent.
6. AVCO-CATALYST WR improves hand-feel and fabric protection.
7. AVCO-CATALYST WR produces a durable film on the fibre's surface without influencing the breathability of the treated fabric.
8. Non-yellowing.

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APPLICATION:

AVCO-CATALYST WR is mainly applied by padding process. Spray method can be also used, but in that case the sufficient exhaustion is essential and respiratory protection must be used as the aerosols from spraying process may be hazardous to the operator's health.

RECOMMENDED DOSAGE:

1. General application:

For Polyester, polyamide: 5 g/l of AVCO-CATALYST WR

For CEL, Wool, T/C, T/R: 7 g/l of AVCO-CATALYST WR

Pad, dry and cure, the treatment conditions is according to the conditions of the water repellent used.

2. With very thick woven fabric or long durable water repellency is needed.

AVCO-CATALYST WR: 10g/l

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