

AVCO-CATALYST 2308

SPECIAL AUXILIARY FOR DESIZING

AVCO-CATALYST 2308 is a combined product for desizing/ kierboiling, desizing/ bleaching processes.

AVCO-CATALYST 2308 contains a special catalyst together with a penetrating agent, detergents and extracting agents.

AVCO-CATALYST 2308 is used for desizing of cotton and cotton blends in exhaustion and continuous ranges.

AVCO-CATALYST 2308 can ensure excellent removal of starch sizing products with high TEGEWA values even of highly dense fabrics.

SPECIFICATIONS:

Appearance	Slightly yellowish clear liquid.
Chemical nature	Aqueous compound of surfactants
Ionicity	Nonionic / cationic
pH (10% sol.)	4 - 5
Solubility	Miscible with water at any ratio.
Compatibility	Compatible with all chemicals normally encountered in preparation processes.
Storage	Freezes below 0°C, fully usable after thawing and stirring. Shelf life is at least 12 months

PROPERTIES & USES:

1. Balanced mixture of surfactants and desizing catalyst with a synergistic effect.
2. Highly effective in cold pad batch peroxide bleaching conditions. The product will ensure maximum desizing efficiency with good absorbency, even with difficult to remove sizing products.
3. The special catalyst contained in the product is depolymerizing long chain sticky starch derivative in the alkaline pH. It is efficient in one shot hot desizing / caustification and hot desizing / bleaching processes.
4. The surfactant part has good emulsifying and dispersing properties, with excellent soil suspending power.
5. The product does not contain any silicate compounds, and there are not any risks of precipitation during use on the fabrics and on machine walls.
6. Good compatibility with caustic soda and peroxide used in hot continuous processes.

Technical - Information

7. The product is a pour-able liquid, and can be metered easily to the bleaching machines as is or pre-diluted.

APPLICATION:

Desizing with excellent TEGEWA values.

AVCO-TEX CAN	1 - 2	g/l
SYNTO-ZIM 120	4 - 6	g/l
AVCO-CATALYST 2308	10 - 15	g/l
AVCO-TRYL HPH	1 - 2	g/l

Pad at 70-75° c.

Wrap in plastic foil, dwell for 4-5 hours. Wash - off at 95° c.

One shot cold pad batch desizing/bleaching process.

AVCO-TEX CAN	1 - 2	g/l
AVCO-STABILIZER CPB	8 - 10	g/l
Caustic soda (50%)	40 - 60	cc/l
H ₂ O ₂ (50%)	50 - 60	cc/l
AVCO-CATALYST 2308	10 -20	g/l

Pad, store at room temperature 24 hours, wash-off at 95° c.

One shot caustic steamer treatment / desizing process.

AVCO-TEX CAN 1- 2 g/l
 AVCO-CATALYST 2308 10- 20 g/l
 Caustic soda (50%) 50 -60 cc/l
 H₂O₂ (50%) 3 - 4 cc/l

The dwell time in the HT steamer should be 15 - 20 minutes. Wash - off at 95° c.