

GLOBAL DDA




THE GLOBAL
TEXTILE CHEMICALS

DDA – DENIM DISCHARGE ACTIVATOR is a specialized chemical compound used extensively in the textile printing industry. It features a fine molecular formula and is fully water-soluble, making it highly effective for denim and indigo-dyed fabrics. Although commercially available, it can also be prepared from sodium dithionite and formaldehyde. This compound is known for its extreme durability, offering excellent performance even on heavily dyed fabrics. It provides good coverage over dark fabrics, ensuring a bright and realistic finish with excellent elasticity. Its vibrant results are matched by superior wash solidity, making prints last longer without fading.


DDA is environmentally friendly as it is free from PVC, phthalates, and formaldehyde. For the best results, it should be added at 6% to the discharge paste. It's important to adapt the formulation process based on local conditions, such as water hardness and available equipment. After mixing, the paste should be used within 48 hours to maintain maximum effectiveness.


During the curing process, apply one layer of the recommended ink mixture onto the fabric surface. Cure the printed fabric at 160°C (320°F) for three minutes to achieve optimal results. Proper curing ensures excellent color development and durability. Shelf life for DDA is one year from the date of manufacture, under recommended storage conditions. Store the product in a cool, dry place at temperatures between 65°F and 95°F (18°C - 35°C). Always keep the container tightly closed to prevent drying, humidity exposure, and contamination. Proper storage will preserve the chemical's properties for consistent quality use. DDA is an ideal choice for high-end, eco-friendly denim discharge printing needs.

 **IDEAL FABRIC**
Indigo Dyed fabrics


 **STORAGE**
In cool dry and properly closed
(18°C to 32°C)


 **ADDITIVES**
Not Applicable

 **CLEAN UP**
Wash off screen using
water and mild detergent


 **CURING**
160°C for 3 minutes


 **MESH**
80-180 +/-in


 **APPLICATION**
Denim Discharge-99-94%
DDA - 1 to 6 %


 **SQUEEGEE & STENCIL**
Solvent & Water resistant emulsion
60-70 Duro meter beveled edge

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