



Dope Dyeing – Supplying the Textile Industry with Sustainable Colored Fibers

SGS DOPE DYEING VERIFICATION SERVICE



Helping the clothing industry to deliver colorfast garments with less impact on the environment.

Consumers are increasingly aware of the health, safety and sustainability implications associated with the manufacture of textiles. They are now actively looking to buy textile products that can demonstrate a reduced impact on human health and the environment.

DOPE DYEING

Dope dyeing is an alternative method for coloring man-made and regenerated fibers. It involves the incorporation of coloring matters into a polymer solution, or polymer melt, before the fiber filament formation. Textiles produced in this way have good colorfastness properties, through superior coloring matter dispersal in the fibers, but without dye loss to effluents and the need for after-treatments or additional rinsing.

Dope dyeing produces high quality colored textiles in a way that saves time, energy, water and chemicals, thereby reducing the impact of textile manufacturing on the environment.

With consumers now demanding more sustainable textile products, your customers are looking for verification that the products they buy have been produced using the dope dyeing method.

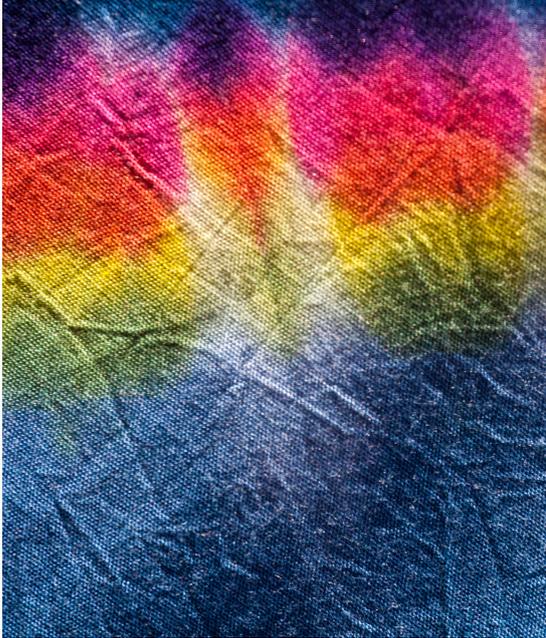
SGS DOPE DYEING VERIFICATION SERVICE

SGS provides a range of services to support verification of dope dyeing, creating trust in your products and reassuring your customers in their purchasing decisions.

SGS DOPE DYED MATERIAL SCREENING (SGS DMI 100-2021)	SGS PRODUCT APPROVAL MARK
<ul style="list-style-type: none"> Innovative method for identifying the coloration method of a textile product Coloration methods: <ul style="list-style-type: none"> Dope Dyeing Normal Dyeing Pigment Dyeing 	<ul style="list-style-type: none"> Laboratory test for verification of dope dyed materials Testing for mandatory regulation compliance Restricted substances list testing Quality and durability testing Document review and On-site/ Remote assessment for manufacturing processes SGS Independently Checked Mark granted for product that complies with the requirements

Following verification, we can also improve transparency for your products with the SGS Independently Checked Mark (SGS IC Mark). This provides confirmation that independent testing has taken place, alongside evidence of the test results. Products passing the agreed test parameters will automatically appear in an online database and can display the globally recognized SGS IC Mark (including reference to the criteria tested).

Details of the **SGS IC Mark** can be found on [SGS.com](https://www.sgs.com). Since the coloring matters are well dispersed inside the fibres and no after-treatment or additional rinsing is required in subsequent processing, dope dyeing is an alternative coloration method that saves time, energy, chemicals and prevention of dye loss to effluents, thus producing colored textiles with a reduced effect on the environment and good colorfastness properties.



Environmental protection is becoming a hot issue around the world, and consumers are increasingly aware of the health, safety and sustainable implications of the processes involved in the manufacture of textiles. Consumers are keen for buying textile products that have reduced effect on human health and the environment.

WHY CHOOSE SGS?

SGS is the world's leading testing, inspection and certification company. We are recognized as the benchmark for quality, innovation and integrity, with a global network of more than 40 state-of-the-art laboratories specializing in testing apparel, footwear, and home textiles. Our committed team of experts are drawn from multi-disciplinary backgrounds, allowing us to perform a comprehensive range of physical, chemical, and functional testing services on components, materials and finished products.

Whatever your testing, inspection or certification requirements, we have an innovative, efficient and cost-effective solution to meet your needs.

CONTACT US

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