

# ECOMETRICS REPORT STACY GARCIA WITH AIRDYE® PRODUCTION

shantung slub



## PROJECT DESCRIPTION

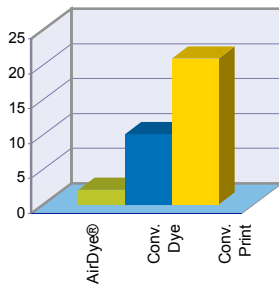
AirDye® replacement for Shantung Slub fabric.  
Comparison with traditionally dyed and printed material, based on 1 yard.

## ANALYSIS RESULTS

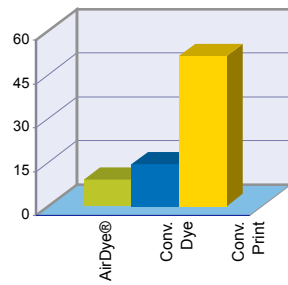
ITEM	CONVENTIONAL DYE				CONVENTIONAL PRINT			
	AIRDYE®	DYE	SAVINGS	% SAVINGS	PRINT	SAVINGS	% SAVINGS	
<b>Shantung Slub</b>								
Water (Gallons)	2.1	10.1	8.0	79.2%	20.9	18.8	90.0%	
Energy (MJ)	9.1	14.4	5.3	36.8%	51.4	42.3	82.3%	
GHG (kg CO <sub>2</sub> equiv.)	0.5	0.9	0.4	44.4%	2.0	1.5	75.0%	

## AIRDYE® VS. WETDYE: WATER CONSUMPTION, ENERGY, AND GLOBAL WARMING COMPARISONS

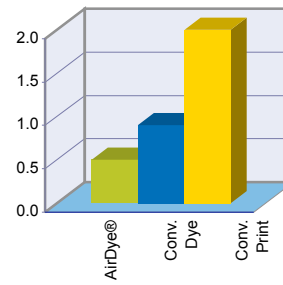
**Water (Gallons)**



**Energy (MJ)**



**Greenhouse Gas (kg CO<sub>2</sub> equivalent emissions)**



## ANALYSIS NOTES

The above data is calculated from Life Cycle Assessment of the AirDye® process. This data is verified through third party review of certified research. Data is available upon request. Industry averages for conventional process impact is derived from published data by government, industry and academic research. Additional information is available at [www.airdye.com](http://www.airdye.com).

AirDye® technology manages the application of color to textiles without the use of water. AirDye® is today's sustainable alternative to traditional dyeing and decorating processes.

The benefits of using AirDye® technology are:

- does not pollute water, by using air instead of water to convey dye, no hazardous waste is emitted and no water is wasted.
- greatly reduces energy requirements, therefore lowering costs and satisfying the strictest standards of global responsibility.
- does not use boilers, screen printing machines, drying ovens, or cleaning and scouring chemicals, thereby eliminating major sources of pollution.
- communicates to the consumer the environmental benefits of products without sacrificing style or costs.

**Note:** The following assumptions have been made for this analysis. Average fabric weight of 5.65 oz/square yard. Fabric width is approximately 64". Yardage needed: 1 yard.

AirDye, the AirDye logo, and The World Thirsts For It are service marks, trademarks and/or registered trademarks of Colorep®, Inc.

Learn more at  
[www.airdye.com/stacygarcia](http://www.airdye.com/stacygarcia)

The WORLD *thirsts* for it.™