



**NANSULATE ADVANCED INDUSTRIAL PRODUCTS**

## CASE STUDY

# Nansulate Translucent High Heat

**Industrial Nanotech  
Distributor:**  
Kolorgen Ltd.

**Customer**  
Large Dyehouse

**Location**  
Trakya region Turkey

**Product**  
Nansulate Translucent  
High Heat

**ISSUE:**

Decrease LNG (Liquified Natural Gas) expense, improve energy efficiency.

**SOLUTION:**

The dyehouse, located in the Trakya region of Turkey, manufactures products for clientele which includes two of the largest sports apparel manufacturers in the world.

Nansulate Translucent High Heat had been applied to all heat exchangers of the customer's dyeing machines. After monitoring closely their consumption of LNG (liquefied natural gas) for a period of 5 months, it was shown that they experienced an energy savings of more than 20%. From this data, the company anticipates that their savings is approx. \$40,000 per month in energy costs, and based on this data have contracted to have other areas throughout the factory coated with Nansulate, such as their LNG burners, dye machines, fabric drying and ranges, steam pipes, valves and hot water storage tanks; with an expected further increase in the money they save per month on their factory's energy costs.



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