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Americhem Still Sets the Solution Dyeing Standard

CUYAHOGA FALLS, OHIO (January 20, 2015) – Solution dyed synthetic fibers offer many advantages over post dyed fibers and Americhem—the leader in masterbatches for solution dyeing technology since 1986—offers a truly differentiated product. From carpets and upholstery to apparel and outdoor applications, Americhem continues to set the solution dyeing standard after nearly 30 years.

Post dyeing refers to the dyeing of yarn or fabric after it is extruded. This leads to fiber that is primarily colored on the surface. In the solution dyeing process, the colorant, in the form of a masterbatch, is added to the polymer melt during the extrusion of the fiber, meaning the fiber is colored throughout. Americhem's solution dye technology offers better color quality and consistency, superior performance and a softer hand when compared to post dyed fibers.

Masterbatch design is critical for optimal color performance of solution dyed fibers, and not every masterbatch is created equal. While any masterbatch can offer a fiber that's colored throughout, Americhem masterbatches offer color **and** performance, including:

- Superior light and bleach resistance
- Excellent dispersion
- Minimal pack pressure rise
- Fewer spin breaks
- Reduced die face buildup
- Lot-to-lot consistency

All of these factors lead to higher yields, increased productivity, cost savings and a superior overall product.

"A well designed masterbatch is the key to a successful solution dyed product and Americhem masterbatches lead to environmentally friendly color with performance," remarked Vaman Kulkarni, Ph.D., global business development director for Americhem.



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Customization for end-use performance is another key attribute of Americhem masterbatches. With decades of experience in weathering and functional additives, Americhem can design a product for its customers that can be highly differentiated in the marketplace.

Solution dyeing is also environmentally friendly. By combining the spinning and coloring into one step, it offers energy efficiency and does not use water.

“Americhem is trusted by the world’s largest carpet and textile makers to make the right call for the right situation, time and again,” added Kulkarni. “By continuing to meet that challenge, we will continue to set the standard for solution dyeing excellence for decades to come.”

See what a difference solution dyeing can make by visiting www.americhem.com/solutiondye.

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About Americhem

Americhem is a global organization that delivers custom color and additive solutions for customers seeking superior performance and batch-to-batch consistency for their polymer products. The company specializes in color and additive masterbatches, and single pigment dispersions, all backed by complete technical support that ensures quality, reliability and value. Americhem operates nine manufacturing plants and also maintains a representative sales office in Luxembourg and Monterrey, Mexico. Central Research & Development facilities and headquarters are located in Cuyahoga Falls, Ohio. For more information visit Americhem.com or call 800.228.3476.

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