

## **Kostrate® Edge Provides UV Stabilization in Herman Miller Office Accessories**



Herman Miller, Inc. is the leading global provider of office furniture and accessories. Through continued problem-solving research and design the company has experienced outstanding growth and is currently at over \$1.5 billion in net sales for the fiscal year 2006. Herman Miller knows that quality products come from quality materials and that is exactly what they have found with PSG.

Herman Miller recently found that the use of another engineered clear for the above shown office accessories was not meeting their standards. The composition failed in the field for color stability. In both transparency and edge color the cast of the product began to show a yellow color. PSG provided them with a solution.



In order to prevent a loss of color stability, PSG modified their Kostrate® Edge. With the addition of an antioxidant and UV stabilizer, PSG provided Herman Miller with exactly what they were looking for, a "frost white" composition with a slight blue cast. Yet, matching the color was only the first step to the success of this material.

Herman Miller, Inc. has some of the highest quality control standards that exist for such parts. Regardless of whether a product "looks the part" these standards must be met. Kostrate® was put through a series of Mechanical Performance/Color Stability tests:

- ❖ **Heat Aging**
- ❖ **Humidity Shock**
- ❖ **UV Light Exposure Test**
- ❖ **Creep Test**
- ❖ **Static Load Cantilever**
- ❖ **Drop Test**
- ❖ **Carbon Arc UV Stability Test**



PSG was able to provide Herman Miller, Inc. with a composition of Kostrate® that ensured much better color stability than the competitive product. Additionally, the PSG composition passed all of the highly rated quality control standards mentioned above.

Herman Miller, Inc. is simply a large manufacturer looking to develop high quality products at a reasonable cost. PSG has an extremely versatile product Kostrate® Edge that can meet the specific requirements and needs of every individual company.