

# Stain Resistance Performance of Antron® Nylon

## Performance Comparison #1:

For commercial applications in which there are spills, the type 6,6 nylon polymer in Antron® nylon provides a base level of stain resistance superior to type 6 nylon and type 6 solution dyed nylon.

In this test, carpets of Antron® nylon and a competitive type 6 nylon were immersed in fruit drink for 10 minutes, rinsed in water and allowed to dry. Antron® nylon does not absorb the stain because of the tight molecular structure of the type 6,6 nylon. In fact, additional tests show that stain ratings of Antron Lumena® after 24 hours are 30-40% better than type 6 solution dyed nylon after just 20 minutes.



Antron® Legacy (Type 6,6 Nylon)



Competitive Type 6 Nylon



Antron Lumena® (Type 6,6 Solution Dyed Nylon)

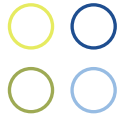


Competitive Type 6 Solution Dyed Nylon

## Performance Comparison #2:

For commercial applications in which spills and stains are frequent, Antron Lumena® solution dyed nylon provides superior, durable stain resistance versus type 6 nylon.

This stain test compares Antron Lumena® solution dyed nylon and mill extruded type 6 solution dyed nylon before and after hot water extraction.



### Antron Lumena®



Stained With Fruit Drink

Cleaned With Detergent

### Mill Extruded Type 6 Nylon



Stained With Fruit Drink

Cleaned With Detergent

Before hot water extraction, stain resistance is similar.

### Antron Lumena®



Hot Water Extracted BEFORE Staining

Cleaned With Detergent

### Mill Extruded Type 6 Nylon



Hot Water Extracted BEFORE Staining

Cleaned With Detergent

Yet after just one cleaning, the topical stain resistance treatment of the competitive fiber begins breaking down – allowing stains to penetrate the carpet fibers.

Antron Lumena® solution dyed nylon is engineered to provide unsurpassed acid stain cleanability that does not wash off or wear off with traffic. Carpets of Antron Lumena® are easy to care for because the color is locked into the fiber and most stains can be removed with a mild detergent and water.

If stain resistance is an important factor, require at least a rating of 8 after hot water extraction using AATCC 175.

For more information, call 1-877-5-ANTRON or visit us on-line at [antron.invista.com](http://antron.invista.com).