



Basofil[®] Merge 80

Spun Yarn Applications

Basofil[®] heat and flame resistant fiber is an innovative textile fiber based on patented melamine technology. Basofil[®] combines excellent fire protection and heat stability properties along with good chemical, hydrolysis and ultraviolet resistance. The color is ivory white and staple length is variable. It processes as a 2 inch equivalent.

This product can be used in dyed applications; however, a range of dyeing results is to be expected due to the inherent variability of Basofil[®]. Therefore, the dyeing performance of Basofil[®] cannot be guaranteed.

Specific properties

| | Averages |
|--------------------------------------|-----------------|
| Fiber Denier | 2.2, variable |
| Elongation at Break (%) | 17 |
| Tenacity (grams/denier) | 2.0 |
| Limiting Oxygen Index (%) | 32 |
| Moisture Regain (% @ 23°C & 65% RH) | 5 |
| Density (grams/cc) | 1.4 |
| Hot Air Shrinkage (% @ 1 hr @ 200°C) | <1 |

Package

Shipped in bales of approximately 480 to 525 pounds (217 to 238 kg). Bale size is approximately 27 inches X 45 inches X 48 inches (70 cm x 115 cm x 122 cm).