



## **Basofil<sup>®</sup> Merge 100**

### **Nonwoven Applications**

Basofil<sup>®</sup> heat and flame resistant fiber is an innovative textile fiber based on patented melamine technology. Basofil<sup>®</sup> combines excellent fire protection and heat stability properties along with good chemical, hydrolysis and excellent ultraviolet resistance. The color is ivory white and staple length is variable. Staple fiber processes as a 1.5 to 2.5 inch equivalent.

Merge 100 is recommended for non-dyed applications.

### Specific properties

	<b>Averages</b>
Fiber Denier	2.4
Elongation at Break (%)	11
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 375 to 425 pounds (170 to 190 kg). Bale size is approximately 27 inches X 45 inches X 48 inches (70 cm x 115 cm x 122 cm).