



ADVANCED
FIBER
SOLUTIONS, INC.

Asphalt Fibers – Technical Data Sheet

Advanced Fiber Solutions, Inc. fibers provide reinforcement in hot melt asphalt paving applications. When dispersed, the fibers improve the mechanical properties by dissipating the stress associated with cracking and increasing the stiffness of the hot melt asphalt. The result is decreased rutting, increased tensile strength and reduced reflective cracking. These improvements increase the pavement durability and reduce maintenance costs.

Parameter	Specification	
	Polyester	Polyester
Fiber Type	Polyester	Polyester
Denier	3.0 to 6.0	3.0 to 6.0
Length	.25" +/- 0.02"	6.35mm +/- .51 mm
Crimps	None	None
Minimum Tensile Strength	70,000 psi	480 MPa
Specific Gravity	1.32 to 1.40	1.32 to 1.40
Melting Temperature	480 Degrees F	250 Degrees C
Elongation	33% +/- 9%	33% +/- 9%

Normal batch packaging is available in 5 lb plastic bags, but can be packaged in 6 lb, 7.5 lb, 10 lb, 12 lb, 15 lb, 20 lb and 30 lb plastic bags. There are 60 lbs/box and 18 boxes/pallet for a total of 1,080 lbs/pallet. Bulk packaging is available in a 1,000 lb box on a pallet.