



Mirafi® S2000

Mirafi® S2000 is a needlepunched nonwoven geotextile composed of polypropylene fibers, which are formed into a stable network such that the fibers retain their relative position. Mirafi® S2000 is inert to biological degradation and resists naturally encountered chemicals, alkalis, and acids.

TenCate Geosynthetics Americas Laboratories are accredited by Geosynthetic Accreditation Institute – Laboratory Accreditation Program ([GAI-LAP](#)).

MECHANICAL PROPERTIES	TEST METHOD	UNIT	MINIMUM AVERAGE ROLL VALUE	
			MD	CD
Grab Tensile Strength	ASTM D4632	lbs (N)	450 (2003)	450 (2003)
Grab Tensile Elongation	ASTM D4632	%	50	50
Trapezoid Tear Strength	ASTM D4533	lbs (N)	175 (779)	260 (1157)
CBR Puncture Strength	ASTM D6241	lbs (N)	1310 (5830)	
Weight	ASTM D5261	oz/yd ² (g/m ²)	20.0 (678)	
Thickness	ASTM D5199	mils (mm)	180 (4.6)	
MAXIMUM OPENING SIZE				
Apparent Opening Size (AOS)	ASTM D4751	U.S. Sieve (mm)	100 (0.15)	
MINIMUM TEST VALUE				
UV Resistance (@ 500 hrs)	ASTM D4355	% strength retained	80	
PHYSICAL PROPERTIES		UNIT	TYPICAL ROLL VALUE	
Roll Dimensions (width x length)		Ft (m)	15 x 500 (4.57 x 152.4)	
Roll Area		yd ² (m ²)	833 (696)	
Roll Weight		lb (kg)	1145 (519)	

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