



Mirafi® S2400

Mirafi® S2400 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® S2400 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)	500 (2225)	500 (2225)
Grab Tensile Elongation	ASTM D4632	%	50	50
Trapezoid Tear Strength	ASTM D4533	lbs (N)	200 (890)	200 (890)
CBR Puncture Strength	ASTM D6241	lbs (N)	1800 (8010)	
Puncture Strength	ASTM D4833	lbs (N)	3.5 x 10 ⁻⁶	
Weight	ASTM D5261	oz/yd ² (g/m ²)	24.0 (814)	
Thickness	ASTM D5199	mils (mm)	200 (5.1)	
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	70	
PHYSICAL PROPERTIES		UNIT	TYPICAL ROLL VALUE	
Roll Dimensions (width x length)		Ft (m)	15 x 150 (4.5 x 46)	
Roll Area		yd ² (m ²)	250 (209)	
Roll Weight		lb (kg)	390 (177)	

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