



Mirafi® S2800

Mirafi® S2800 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® S2800 is inert to biological degradation and resists naturally encountered chemicals, alkalis, and acids.

TenCate Geosynthetics Americas Laboratories are accredited 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)	725 (3226)	725 (3226)
Grab Tensile Elongation	ASTM D4632	%	50	50
Trapezoid Tear Strength	ASTM D4533	lbs (N)	250 (1113)	250 (1113)
CBR Puncture Strength	ASTM D6241	lbs (N)	2100 (9345)	
Puncture Strength	ASTM D4833	lbs (N)	300 (1335)	
Weight	ASTM D5261	oz/yd ² (g/m ²)	28.0 (949)	
Thickness	ASTM D5199	mils (mm)	275 (7.0)	
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 150 (4.5 x 46)	
Roll Area		yd ² (m ²)	250 (209)	
Roll Weight		lb (kg)	453 (205)	

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