

Mirafi[®] IR26

Mirafi[®] IR26 is a nonwoven geotextile composed of polypropylene fibers, which are formed into a stable network such that the fibers retain their relative position. Mirafi[®] IR26 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	Typical Value	
			MD	CD
Grab Tensile Strength	ASTM D4632	lbs (N)	680 (3026)	640 (2848)
Grab Tensile Elongation	ASTM D4632	%	63	97
Trapezoid Tear Strength	ASTM D4533	lbs (N)	254 (1130)	287 (1277)
Puncture Strength	ASTM D4833	lbs (N)	417 (1856)	
Apparent Opening Size (AOS) ¹	ASTM D4751	U.S. Sieve (mm)	140 (0.11)	
Permittivity	ASTM D4491	sec ⁻¹	0.56	
Permeability	ASTM D4491	cm/sec	0.30	
Flow Rate	ASTM D4491	gal/min/ft ² (l/min/m ²)	41 (1670)	
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	80	

¹ ASTM D4751: AOS is a Maximum Opening Diameter Value

Physical Properties	Test Method	Unit	Typical Value
Weight	ASTM D5261	oz/yd ² (g/m ²)	26.0 (881)
Thickness	ASTM D5199	mils (mm)	261 (6.6)
Roll Dimensions (width x length)		ft (m)	13 x 150 (3.96 x 46)
Roll Area		yd ² (m ²)	217 (181)
Estimated Roll Weight		lb (kg)	353 (160)

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