MADE FOR STRENGTH AND BUILT FOR INFRASTRUCTURE

BIDIM® NON-WOVEN GEOTEXTILE

TECHNICAL DATA SHEET : **TYPICAL VALUES**

Bidim® is a premium non-woven geotextile designed to assist with a range of engineering problems including separation, filtration, drainage in roads, rail, and water applications.

- Made with virgin plastic material featuring a strong three-dimensional structure with high elongation and equal biaxial strength in both directions
- Excellent filtration and separation properties
- Designed to meet the requirements of Australian & New Zealand road and rail authorities

BIDIM - A12 - A24 TYPICAL VALUES TECHNICAL DATA

TEST	STANDARD	UNITS	A12		A14		A24	
Mechanical Properties								
Wide Strip Tensile Strength (MD/XMD)	AS3706.2	kN/m	8.0	8.0	11.0	11.0	14.0	14.0
Wide Strip Toughness (MD/XMD)	AS3706.2	kJ/m²	1.5	1.5	2.5	2.5	2.7	2.7
Grab Tensile Strength (MD/XMD)	AS3706.2	N	500	500	720	720	850	850
Trapezoidal Tear Strength (MD/XMD)	AS3706.3	N	200	200	300	300	345	345
CBR Burst Strength	AS3706.4	N	1,500		2,000		2,500	
G Rating	Austroads	-	1,200		1,550		2,000	
Hydraulic Properties								
Pore Size (O_{95})	AS3706.7	µm	130		110		80	
Permittivity	AS3706.9	s^{-1}	3.40		3.20		2.65	
Coefficient of Permeability	AS3706.9	m/s x10^{-4}	43		43		43	
Flow Rate @ 100mm Head	AS3706.9	l/m²/sec	340		320		265	

The typical values, data and specifications published are to the best of our knowledge true and correct and are obtained from through independent and in-house laboratory testing. The product specification may change at any time without prior notice. No warranty is expressed or implied. Manufactured by Geofabrics Australasia Pty Ltd in a facility certified to the ISO 9001 Quality Management System Standard.

GEOFABRICS®
Sustainable solutions

AUSTRALIAN-MADE WITH RECYCLED MATERIAL

BIDIM® GREEN NON-WOVEN GEOTEXTILE

TECHNICAL DATA SHEET : **TYPICAL VALUES**

Bidim® Green is a premium non-woven geotextile made with Australian recycled plastics and designed to assist with a range of engineering problems including separation, filtration, cushioning and drainage in roads, rail, and water applications.

- Made with a combination of recycled PET and virgin plastic material
- Excellent filtration, separation, and cushioning properties
- Strong three-dimensional structure with high elongation
- Designed to meet the requirements of Australian & New Zealand road and rail authorities

BIDIM GREEN - A34G - A64G TYPICAL VALUES TECHNICAL DATA

TEST	STANDARD	UNITS	A34G		A44G		A64G	
Mechanical Properties								
Wide Strip Tensile Strength (MD/XMD)	AS3706.2	kN/m	18.5	18.5	26.5	26.5	37.5	37.5
Wide Strip Toughness (MD/XMD)	AS3706.2	kJ/m^2	3.5	3.5	4.8	4.8	8.2	8.2
Grab Tensile Strength (MD/XMD)	AS3706.2	N	1,270	1,270	1,850	1,850	2,620	2,620
Trapezoidal Tear Strength (MD/XMD)	AS3706.3	N	440	440	590	590	830	830
CBR Burst Strength	AS3706.4	N	3,400		4,650		6,400	
G Rating	Austroads	-	2,510		3,500		5,100	
Hydraulic Properties								
Pore Size (O_{95})	AS3706.7	µm	75		75		75	
Permittivity	AS3706.9	s^{-1}	1.75		1.35		0.90	
Coefficient of Permeability	AS3706.9	m/s $x10^{-4}$	43		43		43	
Flow Rate @ 100mm Head	AS3706.9	$l/m^2/sec$	175		135		90	

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