



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, waste and containment, water and mining 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
- Applicable for Road, Rail, Mining and Waste sectors



BIDIM GREEN - A12G - A64G TYPICAL VALUES TECHNICAL DATA

TEST	STANDARD	UNITS	A12G	A14G	A24G	A34G	A44G	A64G						
Mechanical Properties														
Wide Strip Tensile Strength (MD/XMD)	AS3706.2	kN/m	8.0	8.0	11.0	11.0	14.0	14.0	18.5	18.5	26.5	26.5	37.5	37.5
Wide Strip Toughness (MD/XMD)	AS3706.2	kJ/m ²	1.5	1.5	2.5	2.5	2.7	2.7	3.5	3.5	4.8	4.8	8.2	8.2
Grab Tensile Strength (MD/XMD)	AS3706.2	N	500	500	720	720	850	850	1,270	1,270	1,850	1,850	2,620	2,620
Trapezoidal Tear Strength (MD/XMD)	AS3706.3	N	200	200	300	300	345	345	440	440	590	590	830	830
CBR Burst Strength	AS3706.4	N	1,500		2,000		2,500		3,400		4,650		6,400	
G Rating	Austrroads	-	1,200		1,550		2,000		2,510		3,500		5,100	
Hydraulic Properties														
Pore Size (O ₉₅)	AS3706.7	µm	130		110		80		75		75		75	
Permittivity	AS3706.9	s ⁻¹	3.40		3.20		2.65		1.75		1.35		0.90	
Coefficient of Permeability	AS3706.9	m/s x10 ⁻⁴	43		43		43		43		43		43	
Flow Rate @ 100mm Head	AS3706.9	l/m ² /sec	340		320		265		175		135		90	

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.



Visit [geofabrics.co](https://www.geofabrics.co) or call 1300 60 60 20

GEOFABRICS®
Sustainable solutions

IMPORTANT NOTICE - DISCLAIMER - The information contained in this brochure is general in nature. In particular the content of this brochure does not take account of specific conditions that may be present at your site. For full disclaimer and further information regarding installation visit [geofabrics.co/disclaimer](https://www.geofabrics.co/disclaimer)
© Copyright held by Geofabrics Australasia Pty Ltd. All rights are reserved and no part of this publication may be copied without prior permission. Published June 2022.

