AUSTRALIAN-MADE WITH RECYCLED MATERIAL

BIDIM® GREEN NON-WOVEN GEOTEXTILE

TECHNICAL DATA SHEET: **CHARACTERISTIC 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 - A14G - A49G CHARACTERISTIC VALUES TECHNICAL DATA

		QLD MRTS27	NSW TfNSW R63	NZ TNZ F/7		
GRADE	**STRENGTH CLASS**	**GRAB TENSILE STRENGTH**	**TRAPEZOIDAL TEAR STRENGTH**	**G RATING**	**EOS - PORE SIZE - 0_{95}**	**FLOW RATE (Q_{100})**
		N	N	-	μm	l/m²/s
		AS 3706.2	AS 3706.3	AUSTROADS 90	AS 3706.7	AS 3706.9
		Q VALUE	Q VALUE	Q VALUE	MEAN	MEAN
A14G	A	≥ 500	≥ 180	≥ 900	≤ 120	≥ 50
A19G	B	≥ 700	≥ 250	≥ 1350	≤ 120	≥ 50
A29G	C	≥ 900	≥ 350	≥ 2000	≤ 120	≥ 50
A39G	D	≥ 1200	≥ 450	≥ 3000	≤ 120	≥ 50
A49G	E	≥ 1600	≥ 650	≥ 4500	≤ 120	≥ 50

The data contained in this table is obtained from the manufacturer's laboratory testing. To ensure this information is current please contact your local branch of Geofabrics Australasia.

1. Permittivity / Q100 - NSW and NZ ranges do not require characteristic Q values, however QLD Q value specification is met by all Bidim Green A range geotextile.
2. Characteristic value (Q) = Mean - 0.83 x standard deviation of the lot tested.
3. Bidim Green meets filtration classes I - VIII for MRTS27 Geotextiles (Separation and Filtration).
   Bidim Green meets filtration classes 1-5 for TfNSW R63 QA Specifications - Geotextiles (Separation and Filtration).
   Bidim Green meets filtration classes 1-4 for TNZ F/7 : Specifications - Geotextiles.

bsi. ISO 9001 Quality Management
FS 673633

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