MADE FOR STRENGTH AND BUILT FOR INFRASTRUCTURE

BIDIM® NON-WOVEN GEOTEXTILE

TECHNICAL DATA SHEET : **CHARACTERISTIC VALUES**

Bidim® is a premium non-woven geotextile designed to provide separation, filtration and drainage for roads, rail, water and a wide range of civil engineering 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 road authority specifications and the NZTA TNZ F/7 Specification for Geotextiles for use in road and highway infrastructure

BIDIM - A14 - A19 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 - O_{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
A14	A	≥ 500	≥ 180	≥ 900	≤ 120	≥ 50
A19	B	≥ 700	≥ 250	≥ 1350	≤ 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 A range geotextile.
2. Characteristic value (Q) = Mean - 0.83 x standard deviation of the lot tested.
3. Bidim meets filtration classes I - VIII for MRTS27 Geotextiles (Separation and Filtration).
   Bidim meets filtration classes 1-5 for TfNSW R63 QA Specifications - Geotextiles (Separation and Filtration).
   Bidim meets filtration classes 1-4 for TNZ F/7 : Specification for Geotextiles.

GEOFABRICS®
Sustainable solutions

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, 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 - A29G - 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 - O_{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
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 : Specification for Geotextiles.

Visit **geofabrics.com.au** or call 1300 60 60 20

GEOFABRICS® Sustainable solutions