

TMP GEO SYNTHETICS – HDPE Geocell GC2035

Introduction

- TMP Geocell is engineered for soil stabilization applications, it is used to help improve the performance of standard construction materials and erosion control treatments.
- TMP Geocell is a lightweight and flexible three-dimensional, expandable panels made from High-Density Polyethylene (HDPE) strips which are ultrasonically bonded together to form an extremely strong configuration. TMP Geocell System can be filled with a wide range of material: aggregate, concrete, sand, soil, etc.

Applications

- Erosion Control
- Slope Protection
- Retaining Wall
- Load Support
- Channel Protection
- Ground Stabilization

Specifications

Index Properties	Test Method	Units	Values
■ Polymer	–	–	HDPE
■ Carbon Black content	ASTM D 1603	%	≥1.5
■ Density	ASTM D 1505	g/cm ³	≥0.94
■ Sheet Thickness before texturing	ASTM D 5199	mm	1.10
■ Sheet Thickness after texturing	ASTM D 5199	mm	1.50
■ Seam Peel Strength	–	N	2840
■ Weld Spacing	–	mm	356
■ Cell Depth	–	mm	200

Dimensions

■ Expanded Cell Size (width×length)	–	mm	259 X 224
■ Expanded Panel Size (width×length)	–	m	2.56 X 6.52
■ Expanded Panel Area	–	m ²	16.7 ±1%

TMP Laboratory is improving continuously with the purpose of assuring reliable quality. TMP Geosynthetics reserves the right to change the product specifications at any time.



TMP GEOSYNTHETICS – HDPE Geocell GC2044

Introduction

- TMP Geocell is engineered for soil stabilization applications, it is used to help improve the performance of standard construction materials and erosion control treatments.
- TMP Geocell is a lightweight and flexible three-dimensional, expandable panels made from High-Density Polyethylene (HDPE) strips which are ultrasonically bonded together to form an extremely strong configuration. TMP Geocell System can be filled with a wide range of material: aggregate, concrete, sand, soil, etc.

Applications

- Erosion Control
- Slope Protection
- Retaining Wall
- Load Support
- Channel Protection
- Ground Stabilization

Specifications

Index Properties	Test Method	Units	Values
■ Polymer	–	–	HDPE
■ Carbon Black content	ASTM D 1603	%	≥1.5
■ Density	ASTM D 1505	g/cm ³	≥0.94
■ Sheet Thickness before texturing	ASTM D 5199	mm	1.10
■ Sheet Thickness after texturing	ASTM D 5199	mm	1.50
■ Seam Peel Strength	–	N	2840
■ Weld Spacing	–	mm	445
■ Cell Depth	–	mm	200

Dimensions

■ Expanded Cell Size (width×length)	–	mm	320 X 287
■ Expanded Panel Size (width×length)	–	m	2.56 X 8.35
■ Expanded Panel Area	–	m ²	21.4±1%

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TMP GEOSYNTHETICS – HDPE Geocell GC2071

Introduction

- TMP Geocell is engineered for soil stabilization applications, it is used to help improve the performance of standard construction materials and erosion control treatments.
- TMP Geocell is a lightweight and flexible three-dimensional, expandable panels made from High-Density Polyethylene (HDPE) strips which are ultrasonically bonded together to form an extremely strong configuration. TMP Geocell System can be filled with a wide range of material: aggregate, concrete, sand, soil, etc.

Applications

- Erosion Control
- Slope Protection
- Retaining Wall
- Load Support
- Channel Protection
- Ground Stabilization

Specifications

Index Properties	Test Method	Units	Values
■ Polymer	–	–	HDPE
■ Carbon Black content	ASTM D 1603	%	≥1.5
■ Density	ASTM D 1505	g/cm ³	≥0.94
■ Sheet Thickness before texturing	ASTM D 5199	mm	1.10
■ Sheet Thickness after texturing	ASTM D 5199	mm	1.50
■ Seam Peel Strength	–	N	2840
■ Weld Spacing	–	mm	711
■ Cell Depth	–	mm	200

Dimensions

■ Expanded Cell Size (width×length)	–	mm	508 X 475
■ Expanded Panel Size (width×length)	–	m	2.56 X 13.72
■ Expanded Panel Area	–	m ²	35.12 ±1%

TMP Laboratory is improving continuously with the purpose of assuring reliable quality. TMP Geosynthetics reserves the right to change the product specifications at any time.

