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TMP GEOSYNTHETICS – HDPE Geocell GC2033

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/cm³	⩾0.94
■ Sheet Thickness	ASTM D 5199	mm	1.10
■ Seam Peel Strength	-	N	2840
■ Weld Spacing	-	mm	330
■ Cell Depth	-	mm	200
Dimensions			
■ Expanded Cell Size (width×length)	-	mm	244 X 203
■ Expanded Panel Size (width×length)	-	m	2.44 X 6.15
■ Expanded Panel Area	-	m²	15 ±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
www.tmpgeosynthetics.com
TMP HDPE Geocell

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TMP GEOSYNTHETICS – HDPE Geocell GC2040

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/cm³	⩾0.94
■ Sheet Thickness	ASTM D 5199	mm	1.10
■ Seam Peel Strength	-	N	2840
■ Weld Spacing	-	mm	400
■ Cell Depth	-	mm	200
Dimensions			
■ Expanded Cell Size (width×length)	-	mm	295 X 250
■ Expanded Panel Size (width×length)	-	m	4 X 5
■ Expanded Panel Area	-	m²	20 ±1%

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TMP GEOSYNTHETICS www.tmpgeosynthetics.com TMP HDPE Geocell

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TMP GEOSYNTHETICS – HDPE Geocell GC2066

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/cm³	⩾0.94
■ Sheet Thickness	ASTM D 5199	mm	1.10
■ Seam Peel Strength	-	N	2840
■ Weld Spacing	-	mm	660
■ Cell Depth	-	mm	200
Dimensions			
■ Expanded Cell Size (width×length)	-	mm	488 X 406
■ Expanded Panel Size (width×length)	-	m	2.44 X 12.29
■ Expanded Panel Area	-	m²	30 ±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.

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www.tmpgeosynthetics.com
TMP HDPE Geocell