

(Approved Body of the Ministry of Textiles, Govt. of India) Lal Bahadur Shastri Marg, Ghatkopar (West), Mumbai - 400 086.

Phones: 022 - 6202 3636 / 6202 3600











BTRA TEST LABORATORIES

TEST REPORT

Report Details: BTL/TR/B2307985/GG/1/A/2024 ULR No: TC694123000007985F Date: 10-01-2024

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS:

Sample No

: B2307985-1

Product Description: CTM GGT 40 X 20 KN

Received on

: 22-12-2023

Total Number of Samples in Order: 5

Testing Period : 22.12.2023 To 09.01.2024

Reference

Despatched on

Sample Type : Geogrid

Project Name:

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Name of Work:

Name of Agency:

TEST RESULTS

(Single Rib) Tensile Strength & Elongation (ASTM D 6637 A-2015)

Test Parameter Result Single Rib Tensile Strength (kN/m) Machine Direction 50.2 Cross Machine Direction 22.0 Elongation @ designated load,(%) Machine Direction @40kN/m 7.2 Cross Machine Direction @20 kN/m 9.5

-- End of the Report --

Prasanta K. Panda (Authorised Signatory)





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BTRA TEST LABORATORIES TEST REPORT





Report Details : BTL/TR/B2307985/GG/2/A/2024	ULR No : TC694123000007985F	Date : 10-01-2024
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THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS:

Sample No

: B2307985-2

Product Description: CTM GGU 60 X 20 KN

Received on

: 22-12-2023

Total Number of Samples in Order: 5

Testing Period : 22.12.2023 To 09.01.2024

Reference

Despatched on Project Name:

Sample Type

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: Geogrid :1/1

Name of Work:

Name of Agency:

TEST RESULTS

(Single Rib) Tensile Strength & Elongation (ASTM D 6637 A-2015)

Test Parameter	Result
Single Rib Tensile Strength (kN/m)	
Machine Direction	63.4
Cross Machine Direction	22.9
Elongation @ designated load,(%)	•
Machine Direction @ 60 kN/m	13.9
Cross Machine Direction @20 kN/m	11.3

-- End of the Report --

Prasanta K. Panda (Authorised Signatory)

Geotech



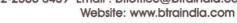
TRA assures the customer that the results obtained will not be disclosed to the others without explicit permission from the customer . Labs activities falling under accredited scope in no way uply that the product so tested or equipment calibrated is approved by NABL. Samples are not drawn by the Laboratory. The test results relate only to the item tested. This report shall not be sed for litigation or publicity . This report shall not be reproduced except in full without prior permission of this Laboratory. 217406



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BTRA TEST LABORATORIES TEST REPORT







Report Details: BTL/TR/B2307985/GG/3/A/2024 ULR No: TC694123000007985F Date: 10-01-2024

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS:

Sample No

: B2307985-3

Product Description: CTM GGU 80 X 30 KN

Received on

: 22-12-2023

Total Number of Samples in Order: 5

Testing Period

: 22.12.2023 To 09.01.2024

Reference

Despatched on Project Name:

Sample Type : Geogrid

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Name of Work:

Name of Agency:

TEST RESULTS

(Single Rib) Tensile Strength & Elongation (ASTM D 6637 4-2015)

Test Parameter	Result
Single Rib Tensile Strength (kN/m)	7
Machine Direction	84.4
Cross Machine Direction	31.9
Elongation @ designated load,(%)	×
Machine Direction @ 80kN/m	11.4
Cross Machine Direction @ 30 kN/m	11.3

-- End of the Report --

Prasanta K. Panda (Authorised Signatory)





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BTRA TEST LABORATORIES

TEST REPORT

Report Details: BTL/TR/B2307985/GG/4/A/2024 ULR No : TC694123000007985F Date: 10-01-2024

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS:

Sample No

: B2307985-4

Product Description: (TM GGU 100 X 30 KN

Received on

: 22-12-2023

Total Number of Samples in Order: 5

Testing Period : 22.12.2023 To 09.01.2024 Reference

Despatched on Project Name:

Sample Type : Geogrid

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Name of Work:

Name of Agency:

TEST RESULTS

(Single Rib) Tensile Strength & Elongation (ASTM D 6637 A-2015)

Test Parameter Result Single Rib Tensile Strength (kN/m) 109.8 Machine Direction Cross Machine Direction 31.2 Elongation @ designated load,(%) 10.9 Machine Direction @ 100 kN/m Cross Machine Direction @ 30 kN/m 9.7

-- End of the Report --

Prasanta K. Panda (Authorised Signatory)





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BTRA TEST LABORATORIES

TEST REPORT

Report Details: BTL/TR/B2307985/GG/5/A/2024 ULR No: TC694123000007985F Date: 10-01-2024

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS:

Sample No

: B2307985-5

Product Description: CTM GGU 150 X 30 KN

Received on

: 22-12-2023

Total Number of Samples in Order: 5

Testing Period

: 22.12.2023 To 09.01.2024

Reference

Despatched on

Sample Type : Geogrid

Project Name:

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Name of Work:

Name of Agency:

TEST RESULTS

(Single Rib) Tensile Strength & Elongation (ASTM D 6637 A-2015)

Test Parameter Result Single Rib Tensile Strength (kN/m) 152.8 Machine Direction Cross Machine Direction 31.7 Elongation @ designated load,(%) Machine Direction @ 150 kN/m 14.6 Cross Machine Direction @ 30 kN/m 9.2

-- End of the Report --

Prasanta K. Panda (Authorised Signatory)

