

TEST REPORT No: H C125790026

ULR - TC501623010068080F

Date of Issue : 21-09-2023

Customer : BALBIR SINGH & SONS, NEW DELHI 110028

Customer Order Ref : 90-R

Date: 07-07-2023

Sales Order Number : 3130038667/10

Date: 15-07-2023

Reel Number : C125790026

Date of Sample Receipt : 21-09-2023

Date of Test : 21-09-2023

Manufacturer : USHA MARTIN LIMITED, INDIA

### SPECIFICATION

Applied Standard : IS-2365/2018 (Marked)  
Item : Steel Wire Rope  
Nominal Diameter of rope : 8 mm  
Construction : 8X19S , Preformed  
Strand Construction : 9-9-1  
Grade : 1420  
Wire Finish : Ungalvd  
Type of Core/Lay Direction : Sisal / RHO (sZ)  
Length of Rope : 1000 m  
Mass/Unit Length (Apprx.) : 0.220 Kg/Mtr  
Lubrication : A1 / PETROLEUM LUBE  
Minimum Breaking Force : 26.0 kN  
Prestretching : N.A.



### RESULTS OF TEST & EXAMINATION

(Test & Method/Specification).

Diameter (Off-tension) - IS 6594 : 8.180 mm  
Lay (Off-tension) - ISO 2408 : 52.000 mm  
Breaking Force - IS 1608-1 : 33.890 kN

The sample is provided by the production department to laboratory,Usha Martin Limited (Wire Ropes & Speciality Products Division), Ranchi.

This is to certify that the above tests have been carried out in accordance with the Specification and the results relate to the item tested.

Authorized Signatory

Rakesh Kumar  
Sr. Manager - QA  
Usha Martin Limited  
Ranchi, Jharkhand

Page 1 of 1

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