

Hangzhou Easy Electric Wire and Cable Co.,LTD

Add: Room 305, Building 2, No. 380 Fengxin Road, Hangzhou, China

www.eescable.com

INSPECTION REPORT OF MATERIAL TEST REPORT

	Description	Technical Particulars(after strand)	Test Data
1	Numbers of Drums		1/181
2	Single Wire Diameter	Nom.: 3.83mm Min.: 3.78mm Max.: 3.85mm	3.81
3	Breaking Laod (KN)	Min.: 1540Mpa	1595
4	% Elongation on 250 mm G.L	Min.1.0(after fracture)	1.2
5	Torsion Test(100xD)	Min.20	31
6	Stress at 1% Extension (KN)	Min.: 1340Mpa	1440
7	Max. Resistivity at 20°C	84.8nΩ.m	79.65
8	Wrapping Test	8 turns wrap on 5 x wire dia Wire should not break or Crack	ok
9	Thickness of Aluminum (mm)	10% of Nominal Wire Radius (Min. 0.1915mm)	0.202

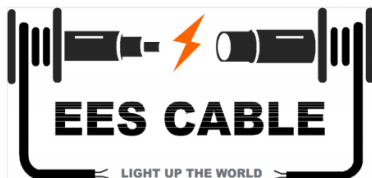
ALUMINIUM CLAD STEEL

AS PER PI NO. PI QU.20221028002_V1.0 DATED 28.10.2022

CIF,NHAVA SHEVA PORT MUMBAI, INCOTERMS 2020

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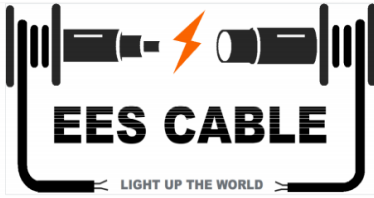


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Test Certificate (ACS wire 3.83mm, 20.3% IACS)

	Description	Technical Particulars(after strand)	Test Data
1	Numbers of Drums		10/181
2	Single Wire Diameter	Nom.: 3.83mm Min.: 3.78mm Max.: 3.85mm	3.81
3	Breaking Laod (KN)	Min.: 1540Mpa	1610
4	% Elongation on 250 mm G.L	Min.1.0(after fracture)	1.2
5	Torsion Test(100xD)	Min.20	30
6	Stress at 1% Extension (KN)	Min.: 1340Mpa	1375
7	Max. Resistivity at 20°C	84.8nΩ.m	79.09
8	Wrapping Test	8 turns wrap on 5 x wire dia Wire should not break or Crack	ok
9	Thickness of Aluminum (mm)	10% of Nominal Wire Radius (Min. 0.1915mm)	0.198

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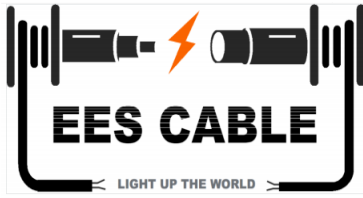
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	Description	Technical Particulars(after strand)	Test Data
1	Numbers of Drums		18/181
2	Single Wire Diameter	Nom.: 3.83mm Min.: 3.78mm Max.: 3.85mm	3.80
3	Breaking Laod (KN)	Min.: 1540Mpa	1630
4	% Elongation on 250 mm G.L	Min.1.0(after fracture)	1.2
5	Torsion Test(100xD)	Min.20	37
6	Stress at 1% Extension (KN)	Min.: 1340Mpa	1430
7	Max. Resistivity at 20°C	84.8nΩ.m	81.02
8	Wrapping Test	8 turns wrap on 5 x wire dia Wire should not break or Crack	ok
9	Thickness of Aluminum (mm)	10% of Nominal Wire Radius (Min. 0.1915mm)	0.206

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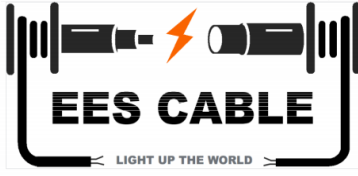
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	Description	Technical Particulars(after strand)	Test Data
1	Numbers of Drums		25/181
2	Single Wire Diameter	Nom.: 3.83mm Min.: 3.78mm Max.: 3.85mm	3.80
3	Breaking Laod (KN)	Min.: 1540Mpa	1640
4	% Elongation on 250 mm G.L	Min.1.0(after fracture)	1.4
5	Torsion Test(100xD)	Min.20	31
6	Stress at 1% Extension (KN)	Min.: 1340Mpa	1410
7	Max. Resistivity at 20°C	84.8nΩ.m	81.17
8	Wrapping Test	8 turns wrap on 5 x wire dia Wire should not break or Crack	ok
9	Thickness of Aluminum (mm)	10% of Nominal Wire Radius (Min. 0.1915mm)	0.201

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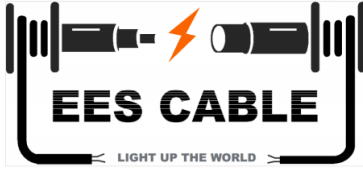
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	Description	Technical Particulars(after strand)	Test Data
1	Numbers of Drums		31/181
2	Single Wire Diameter	Nom.: 3.83mm Min.: 3.78mm Max.: 3.85mm	3.80
3	Breaking Laod (KN)	Min.: 1540Mpa	1590
4	% Elongation on 250 mm G.L	Min.1.0(after fracture)	1.4
5	Torsion Test(100xD)	Min.20	38
6	Stress at 1% Extension (KN)	Min.: 1340Mpa	1370
7	Max. Resistivity at 20°C	84.8nΩ.m	81.09
8	Wrapping Test	8 turns wrap on 5 x wire dia Wire should not break or Crack	ok
9	Thickness of Aluminum (mm)	10% of Nominal Wire Radius (Min. 0.1915mm)	0.208

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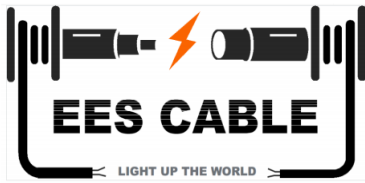
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Test Certificate (ACS wire 3.83mm, 20.3% IACS)

	Description	Technical Particulars(after strand)	Test Data
1	Numbers of Drums		38/181
2	Single Wire Diameter	Nom.: 3.83mm Min.: 3.78mm Max.: 3.85mm	3.80
3	Breaking Laod (KN)	Min.: 1540Mpa	1585
4	% Elongation on 250 mm G.L	Min.1.0(after fracture)	1.6
5	Torsion Test(100xD)	Min.20	32
6	Stress at 1% Extension (KN)	Min.: 1340Mpa	1390
7	Max. Resistivity at 20°C	84.8nΩ.m	81.74
8	Wrapping Test	8 turns wrap on 5 x wire dia Wire should not break or Crack	ok
9	Thickness of Aluminum (mm)	10% of Nominal Wire Radius (Min. 0.1915mm)	0.206

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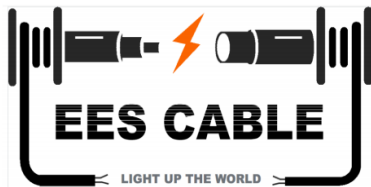
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Test Certificate (ACS wire 3.83mm, 20.3% IACS)

	Description	Technical Particulars(after strand)	Test Data
1	Numbers of Drums		49/181
2	Single Wire Diameter	Nom.: 3.83mm Min.: 3.78mm Max.: 3.85mm	3.80
3	Breaking Laod (KN)	Min.: 1540Mpa	1620
4	% Elongation on 250 mm G.L	Min.1.0(after fracture)	1.4
5	Torsion Test(100xD)	Min.20	30
6	Stress at 1% Extension (KN)	Min.: 1340Mpa	1400
7	Max. Resistivity at 20°C	84.8nΩ.m	79.58
8	Wrapping Test	8 turns wrap on 5 x wire dia Wire should not break or Crack	ok
9	Thickness of Aluminum (mm)	10% of Nominal Wire Radius (Min. 0.1915mm)	0.202

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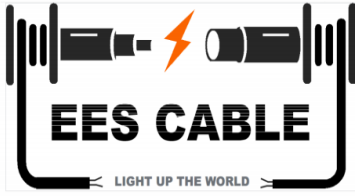
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Test Certificate (ACS wire 3.83mm, 20.3% IACS)

	Description	Technical Particulars(after strand)	Test Data
1	Numbers of Drums		57/181
2	Single Wire Diameter	Nom.: 3.83mm Min.: 3.78mm Max.: 3.85mm	3.80
3	Breaking Laod (KN)	Min.: 1540Mpa	1635
4	% Elongation on 250 mm G.L	Min.1.0(after fracture)	1.6
5	Torsion Test(100xD)	Min.20	29
6	Stress at 1% Extension (KN)	Min.: 1340Mpa	1440
7	Max. Resistivity at 20°C	84.8nΩ.m	82.21
8	Wrapping Test	8 turns wrap on 5 x wire dia Wire should not break or Crack	ok
9	Thickness of Aluminum (mm)	10% of Nominal Wire Radius (Min. 0.1915mm)	0.199

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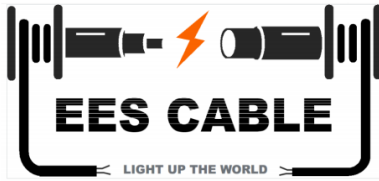
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Test Certificate (ACS wire 3.83mm, 20.3% IACS)

	Description	Technical Particulars(after strand)	Test Data
1	Numbers of Drums		60/181
2	Single Wire Diameter	Nom.: 3.83mm Min.: 3.78mm Max.: 3.85mm	3.80
3	Breaking Laod (KN)	Min.: 1540Mpa	1625
4	% Elongation on 250 mm G.L	Min.1.0(after fracture)	1.4
5	Torsion Test(100xD)	Min.20	28
6	Stress at 1% Extension (KN)	Min.: 1340Mpa	1420
7	Max. Resistivity at 20°C	84.8nΩ.m	79.16
8	Wrapping Test	8 turns wrap on 5 x wire dia Wire should not break or Crack	ok
9	Thickness of Aluminum (mm)	10% of Nominal Wire Radius (Min. 0.1915mm)	0.202

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	Description	Technical Particulars(after strand)	Test Data
1	Numbers of Drums		63/181
2	Single Wire Diameter	Nom.: 3.83mm Min.: 3.78mm Max.: 3.85mm	3.80
3	Breaking Laod (KN)	Min.: 1540Mpa	1635
4	% Elongation on 250 mm G.L	Min.1.0(after fracture)	1.2
5	Torsion Test(100xD)	Min.20	27
6	Stress at 1% Extension (KN)	Min.: 1340Mpa	1420
7	Max. Resistivity at 20°C	84.8nΩ.m	79.71
8	Wrapping Test	8 turns wrap on 5 x wire dia Wire should not break or Crack	ok
9	Thickness of Aluminum (mm)	10% of Nominal Wire Radius (Min. 0.1915mm)	0.199

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