

MATERIAL TEST CERTIFICATE

Customer	HES NZ Limited	Order no.	70999
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Supplier	Randers Reb Int. A/S DK- 8940 Randers SV Denmark	Manufacturer / Origin of goods	UAB Randers Reb International Naujoji g. 130, LT-62175 Alytus Lithuania
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Product no.	HC80160001S-01	Length	4x500 m
Diameter	16 mm	Lay	RHOL
Construction	6x8 + FC	Core	FC
App. weight	0,301 kg/m	Lubrication	-
Min. Breaking Load	3300 kp	Wire surface	Galvanized (EN 10264 Class B)
Standard *)	-	CN	56074919

*) Playground ropes are not included in this standard, but the stated standard is used as basis for production

Characteristics of steel wires:

No. of wires	Nom. wire dimension mm	Nom. tensile strength N/mm ²	Average tensile strength N/mm ²	Average reverse bend no.	Average torsion no.	Average Zn coating g/m ²
8x	0,70	1570	1748	42	53	106

Chemical Composition of steel wires:

Wire dim.	%C	%Mn	%Si	%P	%S	%Cu	%Cr
0,70	0,565	0,625	0,220	0,011	0,017	0,052	0,032

I certify that particulars given above are correct.

Production Technology

Vaidas Baležentis

Randers Reb International A/S
Engelsholmvej 28, DK-8940 Randers SV
Tlf. +45 89 11 12 13 Fax +45 89 11 12 12

Date: 25.03.2024

UAB „Randers Reb International“
Kodas 300070959

Naujoji g. 130
LT-4580 Alytus

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Atsisk sąskaita LT877300010147009071
AB Swedbank
Kodas 73000

MATERIAL TEST CERTIFICATE

Customer	HES NZ Limited	Order no.	66211
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Product no.	HC80160001B-01	Length	2x500 m
Diameter	16 mm	Lay	RHOL
Construction	6x8 + FC	Core	FC
App. weight	0,301 kg/m	Lubrication	-
Min. Breaking Load	3300 kp	Wire surface	Galvanized (EN 10264 Class B)
Standard *)	-	CN	56074919

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Characteristics of steel wires:

No. of wires	Nom. wire dimension mm	Nom. tensile strength N/mm ²	Average tensile strength N/mm ²	Average reverse bend no.	Average torsion no.	Average Zn coating g/m ²
8x	0,70	1570	1721	39	58	135

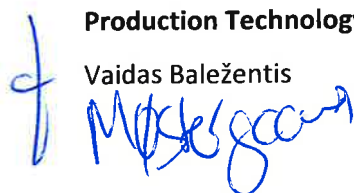
Chemical Composition of steel wires:

Wire dim.	%C	%Mn	%Si	%P	%S	%Cu	%Cr
0,70	0,583	0,620	0,214	0,010	0,011	0,020	0,040

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No. of wires	Nom. wire dimension mm	Nom. tensile strength N/mm ²	Average tensile strength N/mm ²	Average reverse bend no.	Average torsion no.	Average Zn coating g/m ²
8x	0,70	1570	1752	45	59	115

Chemical Composition of steel wires:

Wire dim.	%C	%Mn	%Si	%P	%S	%Cu	%Cr
0,70	0,586	0,605	0,204	0,011	0,013	0,020	0,035

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Product no.	HC80160001B-01	Length	3x500 m
Diameter	16 mm	Lay	RHOL
Construction	6x8 + FC	Core	FC
App. weight	0,301 kg/m	Lubrication	-
Min. Breaking Load	3300 kp	Wire surface	Galvanized (EN 10264 Class B)
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Characteristics of steel wires:

No. of wires	Nom. wire dimension mm	Nom. tensile strength N/mm ²	Average tensile strength N/mm ²	Average reverse bend no.	Average torsion no.	Average Zn coating g/m ²
8x	0,70	1570	1719	37	57	116

Chemical Composition of steel wires:

Wire dim.	%C	%Mn	%Si	%P	%S	%Cu	%Cr
0,70	0,573	0,620	0,189	0,010	0,008	0,030	0,040

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[Blue stamp: Randers Reb International A/S, Engelsholmvej 28, DK-8940 Randers SV, Tlf. +45 89 11 12 13 Fax +45 89 11 12 12]

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Characteristics of steel wires:

No. of wires	Nom. wire dimension mm	Nom. tensile strength N/mm ²	Average tensile strength N/mm ²	Average reverse bend no.	Average torsion no.	Average Zn coating g/m ²
8x	0,70	1570	1738	39	59	116

Chemical Composition of steel wires:

Wire dim.	%C	%Mn	%Si	%P	%S	%Cu	%Cr
0,70	0,587	0,610	0,203	0,011	0,015	0,020	0,040

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No. of wires	Nom. wire dimension mm	Nom. tensile strength N/mm ²	Average tensile strength N/mm ²	Average reverse bend no.	Average torsion no.	Average Zn coating g/m ²
8x	0,70	1570	1736	32	59	128

Chemical Composition of steel wires:

Wire dim.	%C	%Mn	%Si	%P	%S	%Cu	%Cr
0,70	0,591	0,630	0,215	0,009	0,010	0,050	0,040

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Product no.	HC80160001B-01	Length	6x500 m
Diameter	16 mm	Lay	RHOL
Construction	6x8 + FC	Core	FC
App. weight	0,301 kg/m	Lubrication	-
Min. Breaking Load	3300 kp	Wire surface	Galvanized (EN 10264 Class B)
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Characteristics of steel wires:

No. of wires	Nom. wire dimension mm	Nom. tensile strength N/mm²	Average tensile strength N/mm²	Average reverse bend no.	Average torsion no.	Average Zn coating g/m²
8x	0,70	1570	1745	38	46	109

Chemical Composition of steel wires:

Wire dim.	%C	%Mn	%Si	%P	%S	%Cu	%Cr
0,70	0,620	0,630	0,200	0,009	0,007	0,090	0,030

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Chemical Composition of steel wires:

Wire dim.	%C	%Mn	%Si	%P	%S	%Cu	%Cr
0,70	0,620	0,630	0,200	0,009	0,007	0,090	0,030

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