

Bekaert Corporation
 5 Marietta Pkwy Bldg 500-100 1395
 30067 Marietta / USA
 Tel: : +1 770 4218520
 Fax: : +1 770 4268107

BEKAERT
MANUFACTURER:: BKS

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Inspection Certificate 3.1

Delivery No. 4212585511 / 000010

HERRON WIRE PRODUCTS, INC
 PO Box 1152
 SLIDELL LA 70459
 USA

Sales Order 3900604607 / 000010
 Purchase Order 2919
 Batch 3501519298
 Date COA 06/07/2019
 Delivered units 1
 Delivered handling units 1
 Delv net qty/Gross wt 136 KG (300 LBS) / 351 LBS
 Material Description
 Coated steel wire - Round
 PET coated on bright core- Bekaert Blue 2161
 Dia. 0.89 (0,85) mm
 R. 450-530N/mm²
 FB500 370KG

Customer
 Customer code
 Customer spec.
 Bekaert Spec. ISPCR009

Revision

CHEMICAL ANALYSIS

Source	Heat	%P	%S				
Vendor	85230E	0.0050	0.0150				

PROPERTIES (1 / 1)

Unit number	Heat	Diameter of rod mm	Ovality mm	Tensile Rm N/mm ²	Height DM1 mm	Pitch mm	Wrap adh
		0.840	0.000	450.00	300.00	0.0	0
		0.940	0.010	630.00	700.00	75.0	1
1030943081/E	85230E	0.910	0.003	512.00	609.00	7.0	1
MIN		0.910	0.003	512.00	500.00	7.0	1
MAX		0.910	0.003	512.00	500.00	7.0	1
S							
X		0.910	0.003	512.00	500.00	7.0	1
N							

REMARKS

The Delivered product has been manufactured, tested and inspected to ensure the product complies to the requirements of the purchase order and this specification

Remark: This is to certify that product is from wire rod "melted and manufactured in the USA" and in turn, finished product is Made in the USA.

Joey Warburg

Quality Leader

"BUY AMERICA CERTIFIED"

Richard F. Gallmann
 Herron Wire Products, Inc.
 President



Electronically signed by : Process Engineer Joey Warburg



P.O. BOX 1152 - SLIDELL, LA 70459-1152
(504) 649-0463

Certificate of Compliance

Customer:
Herron Wire Products
Slidell, LA. 70460

Product: .0320" Steel Annealed

Lot #: HW-1

Customer P.O. #: 2616 7917

Part #: 73304

Quantity: 2,124 # = 1 Skid
0 Racks
4 Stems

IWM Lot #: R-2.

Vendor Heat #: 53142789.

We certify that this product has been manufactured and tested consistent with applicable customer specifications and industry standards. This wire has been produced from rod and sourced billets melted and manufactured in the USA.

Rod Manufacturer and Chemical Specification:

Alloy Description: C1006

Approved Subcontractors: A list of approved subcontractors is available upon request.

Analysis: (%)

Carbon	.05 max.	Chromium	.10 max.	Nitrogen	.006 max.
Manganese	.25 - .35	Nickel	.10 max.	Boron	.002 - .006
Silicon	.15 max.	Molybdenum	.03 max.	Boron / Nitrogen	.6% to 1.2% max.
Phosphorus	.02 max.	Copper	.15 max.		
Sulfur	.02 max.	Tin	.02 max.		

Physical & Mechanical Requirements:

Wire Diameter: .0320"

Tolerance: +/- .0005"

Tensile Strength: 57,000-60,000 PSI (Target)

Elongation: 25% Minimum

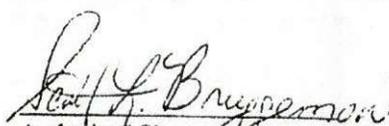
Test Results:

Sample Tensile Strength: 59,718 PSI Average

Sample Elongation: 31.5 % Average

Minimum Sample Diameter: .0322"

Maximum Sample Diameter: .0325"


Authorized Signature

Q.A. Tech.
Title

9-28-16
Date