

***** CERTIFICATE OF CONFORMANCE *****

09/25/09

BILL TO : 11039
FASTEC SERVICES LLC
469 LINDBERG STREET

FROM :
BOEDEKER PLASTICS INC.
904 WEST 6TH ST
SHINER, TX 77984

CHARLESTON SC
29412

(361) 594 2941 (800) 444 3485
FAX (361) 594 2349

Jamie

SHIP TO : 0
FASTEC SERVICES LLC
469 LINDBERG STREET

CONTACT : JAMIE
PHONE : 843-406-9745

CHARLESTON SC
29412

PRINTED BY: johnm
09/16/09 2:20 PM

CUST PO : JAMIE 09-16-09
SLSPSN: 246

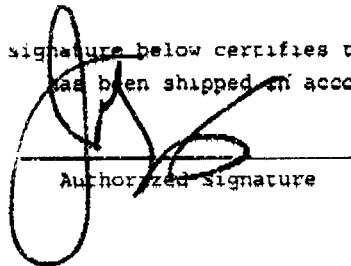
SHIP VIA : 57 UPS RED COLLECT X9208Y
TERMS : CC

ORDER	LN	ITEM	DUE DATE	TO SHIP	U/M	B/O	SHIPPED
370787	4	CS118-00375-AC-WEST	09/16/09	200.00	PC	<i>φ</i>	<i>200</i>

.375 X .500 X 8.750
ACETAL COPOLYMER NAT WEST. SHEET

*** CERTIFICATE OF CONFORMANCE ***

The signature below certifies that the above stated material has been shipped in accordance with your order


Authorized signature

9/16/09
Date

Salem Specialty Ball Company

[Home](#) [Materials](#) [Production](#) [Inventory](#) [Charts](#) [Tools](#) [Company](#) [Contact](#)

Description

Material Analysis

Mechanical Properties

Brass Balls

Copper	68.5 to 71.5%
Lead	0.7% Max.
Iron	0.05% Max.
Zinc	33.5 to 36.5%
Other Elements	Trace, Max.

Brass Ball Mechanical Properties - Salem Specialty Ball

Page 1 of 2

Salem Specialty Ball Company

[Home](#) [Materials](#) [Production](#) [Inventory](#) [Charts](#) [Tools](#) [Company](#) [Contact](#)

Description

Material Analysis

Mechanical Properties

Brass Balls

Tensile Strength	80,000 psi
Yield Strength	57,000 psi
Elongation in two inches	20%
Reduction in area	85%
Modulus of elasticity	15,000,000 psi
Density	0.306 lbs/cubic inch

[Aluminum](#) / [Brass](#) / [Bronze](#) / [Carbon](#) / [Ceramics](#) / [Chrome](#) / [Cobalt](#) / [Copper](#) / [Glass](#)
[Hastelloy](#) / [K-Monel](#) / [M-50](#) / [Monel](#) / [Plastics](#) / [302 Stainless](#) / [304 Stainless](#)
[316 & 316L Stainless](#) / [420 Stainless](#) / [440 Stainless](#) / [Tungsten Carbide](#)
[Steel Balls](#) / [Miscellaneous](#)

Salem Specialty Ball Company

Home **Materials** Production Inventory Charts Tools Company Contact

Description

Material Analysis

Mechanical Properties

316 Stainless Steel Balls

Carbon	0.08% max.
Manganese	2.00% max.
Phosphorus	0.045% max.
Sulfur	0.030% max.
Silicon	1.00% max.
Chromium	16.00 to 18.00%
Nickel	10.00 to 14.00%
Nitrogen	0.10% max.
Copper (type HQ)	2.00 to 3.00%

316 Stainless Steel Ball Mechanical Properties - Salem Specialty Ball

Page 1 of 2

Salem Specialty Ball Company

Home **Materials** Production Inventory Charts Tools Company Contact

Description

Material Analysis

Mechanical Properties

316 Stainless Steel Balls

Tensile strength	90,000 psi
Yield strength	45,000 psi
Elongation in Two Inches	35%
Reduction in Area	60%
Modulus of Elasticity	28,000,000 psi
Density	.290 lbs/cubic inch

Aluminum / Brass / Bronze / Carbon / Ceramics / Chrome / Cobalt / Copper / Glass
Hastelloy / K-Monel / M-50 / Monel / Plastics / 302 Stainless / 304 Stainless
316 & 316L Stainless / 420 Stainless / 440 Stainless / Tungsten Carbide
Steel Balls / Miscellaneous

Salem Specialty Ball Company

[Home](#)
[Materials](#)
[Production](#)
[Inventory](#)
[Charts](#)
[Tools](#)
[Company](#)
[Contact](#)

[Description](#)
[Material Analysis](#)
[Mechanical Properties](#)

Chrome Steel Balls

Carbon	0.98 to 1.10%
Chromium	1.30 to 1.60%
Manganese	0.25 to 0.45%
Silicon	0.15 to 0.35%
Sulfur	0.025% maximum
Phosphorous	0.025% maximum

Untitled Document

Page 1 of 2

Salem Specialty Ball Company

[Home](#)
[Materials](#)
[Production](#)
[Inventory](#)
[Charts](#)
[Tools](#)
[Company](#)
[Contact](#)

[Description](#)
[Material Analysis](#)
[Mechanical Properties](#)

Chrome Steel Balls

Tensile strength	325,000 psi
Yield strength	295,000 psi
Elongation in Two Inches	5%
Reduction in Area	8%
Modulus of Elasticity	29,500,000 psi
Density	0.283 lbs/cubic inch

[Aluminum](#) / [Brass](#) / [Bronze](#) / [Carbon](#) / [Ceramics](#) / [Chrome](#) / [Cobalt](#) / [Copper](#) / [Glass](#)
[Hastelloy](#) / [K-Monel](#) / [M-50](#) / [Monel](#) / [Plastics](#) / [302 Stainless](#) / [304 Stainless](#)
[316 & 316L Stainless](#) / [420 Stainless](#) / [440 Stainless](#) / [Tungsten Carbide](#)
[Steel Balls](#) / [Miscellaneous](#)