

Salem Specialty Ball Company

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Description

Material Analysis

Mechanical Properties

440 Stainless Steel Balls [\[view photo\]](#)

Carbon	0.95-1.20%
Chromium	16.0-18.0%
Silicon	1.00%
Manganese	1.0% Max.
Phosphorus	0.040%
Sulfur	0.030%
Molybdenum	0.075%

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Tensile Strength	285,000 psi
Yield Strength	275,000 psi
Modulus of Elasticity	29,000,000 psi
Density	0.277 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](#)