



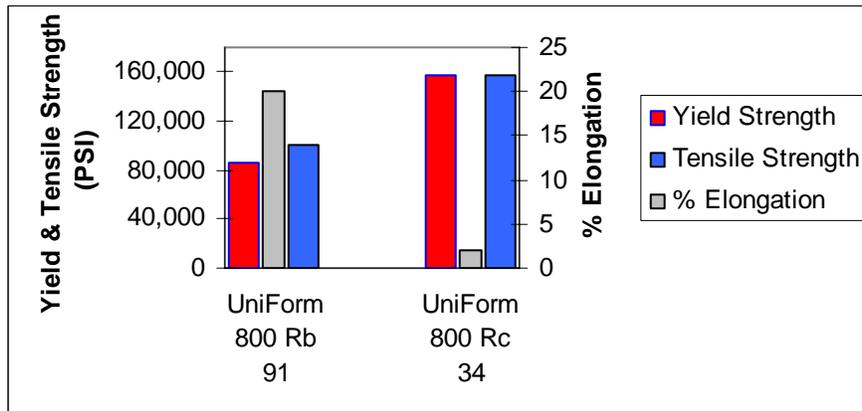
UniForm 800™

Product Data

UniForm 800™ is the designation for YSM’s highly formable and/or customized HSLA steels, tailor made for specific applications. This includes the strip industry’s first, 80 ksi minimum yield strength steel with high formability, as well as restricted and higher strength levels produced to customer specifications.

HSLA steels were originally developed to reduce strip thickness while maintaining part strength in low carbon steel applications. **UniForm 800™** at higher yield strength levels (150 to 180 ksi), has taken on a new role. Often, parts that are stamped from high carbon steel and then heat treated can be stamped directly out of this product, eliminating heat treating. Further savings are possible with pre-plated **UniForm 800™** (hot dip or electroplated) by elimination of post plating parts. This coated product can also substitute for T-300 stainless in spring tempers as well as selected non-ferrous metals.

Typical Properties of UniForm 800™



UniForm 800™ is available with precision strip tolerances in thicknesses of .025” to .060”, based upon specific temper and applications. The standard chemistry used for **UniForm 800™** meets the Grade 80 requirements of ASTM A1011/A, at .15% C max, 1.65 Mn max, with Cb, V, or Ti additions.

For additional information on **UniForm 800™**, or any flat rolled steel products from *Youngstown Specialty Metals, Inc.*, please contact us at:

800-283-1050
Fax 330-259-1120