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ASTM A536 Castings made of ductile iron, also called spheroidal or nodular iron.

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### A536 Mechanical Properties for General Purpose Castings

	Grade 60-40-18	Grade 65-45-12	Grade 80-55-06	Grade 100-70-03	Grade 120-90-02
<b>Tensile, ksi min</b>	60	65	80	100	120
<b>Yield, ksi min</b>	40	45	55	70	90
<b>Elong, 2% min</b>	18	12	6.0	3.0	2.0

### A536 Mechanical Properties for Special Application Castings

	Grade 60-42-10	Grade 70-50-05	Grade 80-60-03
<b>Tensile, ksi min</b>	60	70	80
<b>Yield, ksi min</b>	42	50	60
<b>Elong, 2% min</b>	10	5	3

*Examples of special applications include pipes, fittings, etc.*

### Casting Examples

A common item Portland Bolt stocks made to ASTM A536 include Hillside washers (Grade 65-45-12), although some are made to ASTM A48.