

Ductile Iron

Wilfley does not weld repair any pressure containing components in this material.

Classification and Mechanical Properties

Specification	Average Hardness
ASTM A536 Grade 65-45-12	140 - 180 HBN

Chemical Composition

C Carbon	Mn Manganese	Si Silicon	P Phosphorus	S Sulfur	Cr Chromium	Ni Nickel	Mo Molybdenum	Cu Copper	Fe Iron
3.4 - 3.9	0.4 max.	2.4 - 2.9	0.08 max.	0.02 max.	0.3 max.	1.0 max.	1.0 max.	0.3 max.	Balance