

# Material: ASTM A 536 100-70-03

## Standard Specification For Ductile Cast Irons Castings

**Group:** Ferrous SG Iron / Ductile Iron Alloys

**Sub Group:** ASTM A 536 100-70-03 Ductile Cast Irons Castings

**Application:** Intended for Valve, Pump, General Engineering, Automotive and Other Industries

**Grade Belongs to the Industry:** Casting

Chemical Composition		
Carbon	C %	-
Silicon	Si %	-
Manganese	Mn %	-
Phosphorus	P %	-
Sulphur	S %	-
Chromium	Cr %	-
Nickel	Ni %	-
Copper	Cu %	-
Iron	Fe %	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	689 min.
Yield Strength in Mpa	483 min.
Elongation in %	3 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
JS 700-2	ISO	International	Casting
JS 700-2	AS	Australia	Casting
D700	SAE	USA	Casting
D7003	SAE	USA	Casting
EN-GJS-700-2	UNE	Spain	Casting
EN-GJS-700-2	SS	Sweden	Casting
5.3300	EN	European Union	Casting

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