GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASTM A493 Type 429

Standard Specification for Stainless Steel Wire and Wire Rods for Cold Heading and Cold Forging

Group - Ferrous Stainless Steel Alloys
Sub Group - ASTM A493 Type 429 Stainless Steel Wire and Wire Rods for Cold Heading and Cold Forging
Application - Intended for Valve, Pump, General Engineering, Automotive and other Industries
Grade Belongs to the Industry - Wire Rods and Forging

Chemical Composition		
Carbon	C %	0.120 max.
Manganese	Mn %	1.000 max.
Phosphorus	P %	0.040 max.
Sulphur	S %	0.030 max.
Silicon	Si %	1.000 max.
Chromium	Cr %	14.000 - 16.000
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Annealing

Mechanical Properties	
Tensile Strength in Mpa	485 max.
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in HB	-
Impact in Joule	-

www.gravitycastindia.com

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
S42900	UNS	USA	Steel
X 7 Cr 14	DIN	Germany	Steel
G 4304 SUS 429	JIS	Japan	Plate, Sheet and Strip
A 182 F 429	ASTM	USA	Steel and Pipe
A 276 429	ASTM	USA	Bars and Shapes
A 473 429	ASTM	USA	Steel and Forging
J 405 429	SAE	USA	Steel

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.