GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - IS 6529 X04Cr12

Standard Specification for Stainless Steel Blooms, Billets and Slabs for Forgings

Group - Ferrous Stainless Steel Alloys

Sub Group - IS 6529 X04Cr12 Stainless Steel Blooms, Billets and Slabs for Forgings

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

Grade Belongs to the Industry - Steel and Forging

Chemical Composition		
Carbon	C %	0.080 max.
Silicon	Si %	1.000 max.
Manganese	Mn %	1.000 max.
Chromium	Cr %	11.500 - 13.500
Sulphur	S %	0.030 max.
Phosphorus	P %	0.040 max.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw

Mechanical Properties	
Tensile Strength in Mpa	-
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in HB	197 max.
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
6603 X04Cr12	IS	India	Steel and Bars
1570 X04Cr12	IS	India	Steel
6911 X04Cr12	IS	India	Plate, Sheet and Strip
D 3698 STS 410S	KS	Korea	Plate, Sheet and Strip
G 4312 SUS 410	JIS	Japan	Plate and Sheet
A 176 Type 410S	ASTM	USA	Plate, Sheet and Strip
A 240 Type 410S	ASTM	USA	Plate, Sheet and Strip

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

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