GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS EN 10293 1.7221 (G26CrMo4)

Standard Specification for Steel Castings for general engineering uses

Group - Ferrous Mild Steel Alloys

Sub Group - BS EN 10293 1.7221 (G26CrMo4) Steel Castings for general engineering uses

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

Grade Belongs to the Industry - Casting

Chemical Composition		
Carbon	C %	0.220 - 0.290
Silicon	Si %	0.600 max.
Manganese	Mn %	0.500 - 0.800
Phosphorus	P %	0.025 max.
Sulphur	S %	0.020 max.
Chromium	Cr %	0.800 - 1.200
Molybdenum	Mo %	0.150 - 0.300
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Normalizing or Normalizing & Tempering or Quenching & Tempering

Mechanical Properties	
Tensile Strength in Mpa	700 - 850
Yield Strength in Mpa	550 min.
Elongation in %	10 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	18 @ RT

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
1.7214	DIN	Germany	Steel
41 5130 15130	CSN	Czech Republic	Steel
6550 25 ChML	BDS	Bulgaria	Steel and Casting
8913 25 CrMo 4	UNI	Italy	Steel and Tubing
9329-3 26 CrMo 4	ISO	International	Steel and Tubing
36256 AM 26 CrMo 4	UNE	Spain	Steel and Casting
83156 L 25 HM	PN	Poland	Steel and Casting

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.