GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - IS 4367 20NiCrMo2

Standard Specification for Alloy Steel Forgings for General Industrial Use

Group - Ferrous Mild Steel Alloys

Sub Group - IS 4367 20NiCrMo2 Alloy Steel Forgings for General Industrial Use

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

Grade Belongs to the Industry - Steel and Forging

Chemical Composition		
Carbon	C %	0.180 - 0.230
Silicon	Si %	0.200 - 0.350
Manganese	Mn %	0.700 - 0.900
Nickel	Ni %	0.400 - 0.700
Chromium	Cr %	0.400 - 0.600
Molybdenum	Mo %	0.150 - 0.250
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Stress Reliving, Quenching & Stress Reliving

Mechanical Properties	
Tensile Strength in Mpa	900 min.
Yield Strength in Mpa	-
Elongation in %	11 min.
Reduction of Area in %	-
Hardness in HB	-
Impact in Joule	41 J @ RT

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
IS 9175 20NiCrMo2	IS	India	Steel
IS 6967 20Ni55Cr50Mo202	IS	India	Steel
970 805A20	BS	British	Steel
IS 11169 20NiCrMo2	IS	India	Steel
IS 5429 20NiCr2Mo2I	IS	India	Steel
IS 1570 20NiCrMo2	IS	India	Steel
A 29 8615	ASTM	USA	Steel and Bars

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.