GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - IS 2507 65C 6 Grade 3

Standard Specification for Cold-Rolled Steel, Strips for Springs

Group - Ferrous Mild Steel Alloys

Sub Group - IS 2507 65C 6 Grade 3 Cold-Rolled Steel, Strips for Springs

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

Grade Belongs to the Industry - Steel, Strips and Springs

Chemical Composition		
Carbon	C %	0.600 - 0.700
Silicon	Si %	0.100 - 0.350
Manganese	Mn %	0.500 - 0.800
Sulphur	S %	0.050 max.
Phosphorus	P %	0.050 max.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Annealing or Hardening + Tempering

Mechanical Properties	
Tensile Strength in Mpa	590 max.
Yield Strength in Mpa	270 min.
Elongation in %	30 min.
Reduction of Area in %	-
Hardness in HV	205 max.
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
41 2071 12071	CSN	Czech Republic	Steel
970 En42B	B.S.	United Kingdom	Steel
VD 66-3	DIN	Germany	Steel
1.1256	DIN	Germany	Steel
70 Cr 2	DIN	Germany	Steel
G 3311 SK 7 M	JIS	Japan	Steel and Strip
1.2007	DIN	Germany	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

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