GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - SAE J 1249 Grade 2340

Standard Specification for Chemical Compositions of SAE Experimental Steels

Group - Ferrous Mild Steel Alloys

Sub Group - SAE J 1249 Grade 2340 Chemical Compositions of SAE Experimental Steels

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

Grade Belongs to the Industry - Steel

Chemical Composition		
Carbon	C %	0.380 - 0.430
Manganese	Mn %	0.700 - 0.900
Phosphorus	P %	0.040 max.
Sulphur	S %	0.040 max.
Silicon	Si %	0.200 - 0.350
Nickel	Ni %	3.250 - 3.750
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 HV	-
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
K34025	UNS	USA	Steel
SAE J 1249 2340	AISI	USA	Steel
17174 1.5637	DIN	Germany	Steel and Tubing
17280 10 Ni 14	DIN	Germany	Steel
17174 10 Ni 14	DIN	Germany	Steel and Tubing
17173 10 Ni 14	DIN	Germany	Steel and Tubing
M3121, EN 10025 10 Ni 14 KK	ONORM	Australia	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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