GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - SAE J 1249 Grade 1119

Standard Specification for Chemical Compositions of SAE Experimental Steels

Group - Ferrous Mild Steel Alloys

Sub Group - SAE J 1249 Grade 1119 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 %	0.140 - 0.200
Manganese	Mn %	1.000 - 1.300
Phosphorus	P %	0.040 max.
Sulphur	S %	0.240 - 0.330
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**
G11190	UNS	USA	Steel
1119	AISI	USA	Steel
SAE J 1249 1119	AISI	USA	Steel
A 576 1119	ASTM	USA	Steel and Bars
A 510 1119	ASTM	USA	Steel and Wire Rods
SA-29 1119	ASME	USA	Steel and Bars
J 412 1119	SAE	USA	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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