GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS EN 10216-4 26CrMo4-2 I 1.7219

Standard Specification for Seamless Steel Tubes for Pressure Purposes

Group - Ferrous Mild Steel Alloys

Sub Group - BS EN 10216-4 26CrMo4-2 I 1.7219 Seamless Steel Tubes for Pressure Purposes

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

Grade Belongs to the Industry - Tubing

Chemical Composition		
Carbon	C %	0.220 - 0.290
Silicon	Si %	0.350 max.
Manganese	Mn %	0.500 - 0.800
Phosphorus	P %	0.025 max.
Sulphur	S %	0.010 max.
Chromium	Cr %	0.900 - 1.200
Molybdenum	Mo %	0.150 - 0.300
Copper	Cu %	0.300 max.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Quenching & Tempering

Mechanical Properties	
Tensile Strength in Mpa	560 - 740
Yield Strength in Mpa	440 min.
Elongation in %	18 min.
Reduction of Area in %	-
Hardness in HB	-
Impact in Joule	60 @ RT

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
1.7211	DIN	Germany	Steel
1.7214	DIN	Germany	Steel
17173 26 CrMo 4	DIN	Germany	Steel and Tuing
SEW 685 GS-26 CrMo 4	DIN	Germany	Casting
17280 1.7219	DIN	Germany	Steel
17173 1.7219	DIN	Germany	Steel and Tubing
M 3120, EN 10025 26 CrMo 4 S	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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