



## Material - ISO3522 Al 99.7

### Standard Specification for Aluminium and Aluminium Alloys

Group - Non-Ferrous Aluminium Alloy

Sub Group - ISO3522 for Aluminium and Aluminium Alloys

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

Grade Belongs to the Industry - Casting

Chemical Composition			Heat Treatment	
Silicon	Si %	0.100 max.	As-Cast	
Iron	Fe %	0.200 max.		
Copper	Cu %	0.010 max.		
Manganese	Mn %	0.050 max.		
Magnesium	Mg %	0.020 max.		
Chromium	Cr %	0.004 max.		
Zinc	Zn %	0.040 max.		
Aluminium	Al %	99.700 min		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	-
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	-
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HBW	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
EN Al 1070	DIN	Germany	Wire and Rod
EN Al 1070	SFS	Finland	Wire and Rod
EN Al 1070	ONORM	Australia	Wire and Rod
EN Al 1070	BS	British	Wire and Rod
EN Al 1070	UNI	Italy	Wire and Rod
EN Al 1070	UNS	USA	Wire and Rod
EN Al 1070	MSZ	Hungary	Wire and Rod

**Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email [marketing@gravitycastindia.com](mailto:marketing@gravitycastindia.com)**

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