

Material - ASTM A297 Grade HK

Standard Specification for Steel Castings, Iron-Chromium and Iron-Chromium-Nickel, Heat Resistant for General Application

Group - Ferrous Stainless Steel Alloys

Sub Group - ASTM A297/ A297M Steel Castings, Iron-Chromium and Iron-Chromium-Nickel, Heat Resistant for General Application

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

Grade Belongs to the Industry - Casting

Chemical Composition			Heat Treatment	
Carbon	C %	0.200 - 0.600	As - Cast	
Silicon	Si %	2.000 max.		
Manganese	Mn %	2.000 max.		
Phosphorus	P %	0.040 max.		
Sulphur	S %	0.040 max.		
Chromium	Cr %	24.000 - 28.000		
Nickel	Ni %	18.000 - 22.000		
Molybdenum	Mo %	0.500 max.		
Iron	Fe %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 450 min. Yield Strength in Mpa 240 min. Elongation in % 10 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
J94224	UNS	USA	Casting
310 C 40	BS	British	Casting
1.4848	DIN	Germany	Casting
G X 40 CrNi 26-20	UNI	Italy	Casting
422952	CSN	Czech Republic	Casting
40 CrNiSi 25-20	MSZ	Hungary	Casting
393 G X 40 CrNi 25-20	SFS	Finland	Casting

For any further inquiries, please do not hesitate to contact us. You may visit our website at AMTECH TECHNOCAST PVT. LTD., call us at [+91 9879817994](tel:+919879817994), or email us at manish@amtechtechnocast.com

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