

ASTM MATERIALS LIST

GRAY CAST IRON

ASTM MATERIAL	C H E M I C A L A N A L Y S I S %								M E C H A N I C A L P R O P E R T I E S		
	C MAX.	Mn	P MAX.	S MAX.	Si	Cr	Mo	Ni	Tensile MPa max	Burthen N min	Flexibility mm min
A 126-A	-	-	0.75	0.12	-	-	-	-	145	9790	2.54
A 126-B	-	-	0.75	0.12	-	-	-	-	214	14685	3.048
A 126-C	-	-	0.75	0.12	-	-	-	-	283	17800	3.048

DUCTILE IRON

ASTM MATERIAL	M E C H A N I C A L P R O P E R T I E S		
	Tensile MPa max	Yield N min	Elongation % min
A 536 60-40-18	413.8	275.9	18
A 536 65-45-12	448.3	310.3	12
A 536 80-55-06	551.7	379.3	6.0
A 536 100-70-03	689.7	482.8	3.0
A 536 120-90-02	827.6	620.7	2.0