

Kind	Symbol of Class	Chemical Composition %					AISI
		C	Mn	P	S	Pb	
Resulphurized Carbon Steel	SUM11	0.08-0.13	0.30-0.60	0.040 max	0.08-0.13	-	1110
	SUM12	0.08-0.13	0.60-0.90	0.040 max	0.08-0.13	-	1108
	SUM21	0.13 max	0.70-1.00	0.07-0.12	0.16-0.23	-	1212
	SUM22	0.13 max	0.70-1.00	0.07-0.12	0.24-0.33	-	1213
	SUM23	0.09 max	0.75-1.05	0.04-0.09	0.26-0.35	-	1215
	SUM25	0.15 max	0.90-1.40	0.07-0.12	0.30-0.40	-	-
	SUM31	0.14-0.20	1.00-1.30	0.040 max	0.08-0.13	-	1117
	SUM32	0.12-0.20	0.60-1.10	0.040 max	0.10-0.20	-	-
	SUM41	0.32-0.39	1.35-1.65	0.040 max	0.08-0.13	-	1137
	SUM42	0.37-0.45	1.35-1.65	0.040 max	0.08-0.13	-	1141
	SUM43	0.40-0.48	1.35-1.65	0.040 max	0.24-0.33	-	1144
Leaded Carbon Steel	SUM22L	0.13 max	0.70-1.00	0.07-0.12	0.24-0.33	0.10-0.35	12L13
	SUM23L	0.09 max	0.75-1.05	0.04-0.09	0.26-0.35	0.10-0.35	-
	SUM24L	0.15 max	0.85-1.15	0.04-0.09	0.26-0.35	0.10-0.35	12L14
	SUM31L	0.14-0.20	1.00-1.30	0.040 max	0.08-0.13	0.10-0.35	-

Remark: The silicon content is not specified. Such ranges or limits as 0.10% or less, 0.10% to 0.20% or 0.15% to 0.35% may be selected and applied, as necessary, by agreement between the purchaser and manufacturer.