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???????AA?????????????????????????????????

???????1957????????????????

?ANSIH35.1??MIL????????????????????????SAE????????????????????ASTM?????

????????????????????1970???AA??IDS????AA????????????????????

???????

1 Mg????Mg????????????????????????????????Mg??

?Mg????????????0?04%???T5???0?47%?0?50%?T6???0?57%?0?60%? 3?2 Si????Mg????????Si??????

?Mg/Si????????????Si?0?09%?0?13%???Mg/Si????1?18?1?32??? 3?36063???T5?T6????????????????????

????????????????Mg<sub>2</sub>Si???0?95%????????T6????????Si????Mg???0?6%????????????Si???0?46%?Si?

?0?11%?Mg/Si?1? 3?4????????????????6063????Mg<sub>2</sub>Si???0?75%?0?80%????????????????????????????????

??(?????30)????????????????200?240MPa??

????????Fe????????Fe??Fe????????????????????Fe??

?0?15%?0?25%????????????