



AZ70L - TH

Composition (wgt %): Mg-7.4.5Al-0.5Zn-0.2Mn

Room Temperature Tensile Properties:

Treatment	YS, MPa	UTS, MPa	Elong, %
As Thixomolded	151	277	13
As TTMP			
TTMP + 5 min@300°C	247	336	15

Sheet Thickness: 0.8 to 2.5mm

Static Toughness: 35MPa

Liquidus Temperature: 612°C

Alpha Solidus Temperature: 506°C

Eutectic Temperature: 418°C

Microstructure: Grain Size - 2µm
Precipitate Size – 30-300 nanometers