

Ferrous alloy with unique damping properties

Fe-Al Alloy Wire

● Unique raw material 「Fe-Al alloy」

By aluminium addition, Fe-AL alloy will have excellent fatigue characteristics.

● Excellent Characteristics

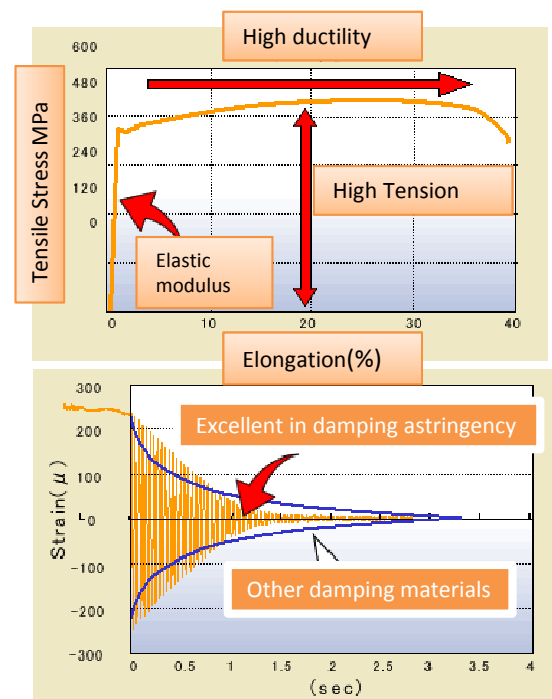
- 10% lighter than steel
- High Strength
- Excellent oxide film
- Micro vibration suppressing
- Heat resisting properties
- Magnetic properties

● General purpose item

- Piano damping plate
- Speaker damping material

● Expected field

- Automobile
- Motor
- Electromagnetic equipment
- Household electric products
- Sports equipment
- Acoustic equipment



● Wire specification

Material: Fe-8mass%Al

Wire Diameter: 0.1~2.0mm ϕ

Length: ~500m

※Longer length is available

● Expected use

- Wire • Cable
- Strings for music instrument (Micro vibration suppressing)
- Knitting process
- Wire mesh (Corrosion • Lightweight)
- Gasket (Damping • Corrosion • Heat resisting • Lightweight)

- Forging products • Bending process
 - Screw • Bolt (Damping • Corrosion • Lightweight)
 - Spring • Coil (Damping • Corrosion • Lightweight)



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