



Motivation for Research

Why Use Magnesium?

Magnesium Corrosion

Magnesium Corrodes

Reduction Reactions

Polymer film vs. pellet

At 74 hours, corrosion continued on one side

2 layers, 24 hours

40 layers

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0