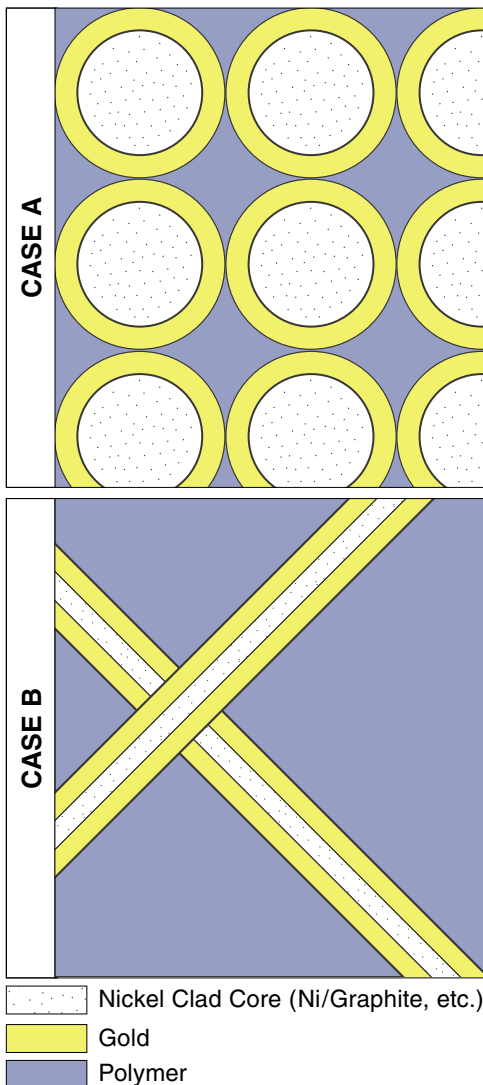


E·FILL™

Influence of True Particle Shape



Conclusions:

- 1) The total gold content per unit volume of conductive polymer is lower in Case B.
- 2) Filler weight % loading is lower in Case B.
- 3) Filler volume % loading is lower in Case B.
- 4) The conductive polymer density in Case B is lower.
- 5) Filler gold content by weight % of the filler may be lower or higher in Case B compared to Case A.
- 6) The number of interparticle contacts per unit volume is lower in Case B.

Cost of one cm³ of conductive polymer in Case B will be lower than in Case A.

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