Title:	Role of Polyethylene Glycol (PEG) on trivalent chromium electrodeposition.
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Abstract:

The effect of polyethylene glycol (PEG) was observed on the quality of trivalent chromium electroplating. The thickness and the current efficiency of the Cr^{3+} deposit decreased with increasing the concentration of PEG, whereas the optical reflectivity and the corrosion resistivity increased. At the higher concentration of PEG (0.3 g/L), the best quality electrodeposition was observed.