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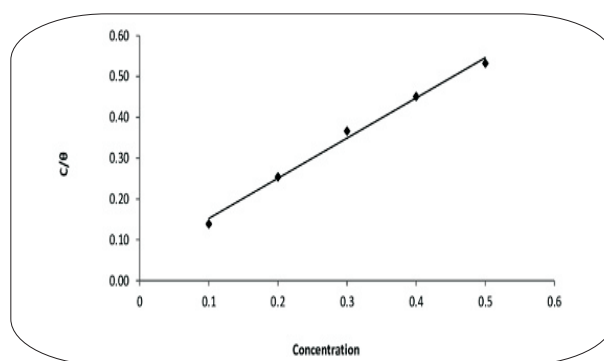
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EFFECT OF TEMPERATURE ON INHIBITION PROCESS OF PROSOPIS CINERARIA LEAVES ON ALUMINIUM SURFACE IN 0.5M HYDROCHLORIC ACID



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ARTICLE REVIEW REPORT

Effect Of Temperature On Inhibition Process Of Prosopis Cineraria Leaves On Aluminium Surface In 0.5m Hydrochloric ACID

Prassan Singh Pratihar and Jitendra kumar Rawat

ABSTRACT:

The problem statement was clear and well articulated. Ethanolic extract of Prosopis cineraria leaves behaves as a green corrosion inhibitor to replace toxic chemicals. Inhibition of corrosion of aluminium in 0.5M hydrochloric acid solution was studied in absence and presence of Prosopis cineraria by using chemical method at different temperatures ranging from 30 to 80 °C. The inhibition efficiency is found to increase with increasing concentration of extract and decreases with rise in temperature.

INTRODUCTION:

The introduction provides a good, generalized background of the topic that quickly gives the reader an appreciation. Aluminium is a lightweight metal (density = 2.71 g/cm³) having good corrosion resistance to the atmosphere and to many aqueous media, combined with good electrical and thermal conductivity. The recyclability and available new smelting processes, low cost and high strength-to-weight ratio are attractive properties. The metal and its alloy are nonmagnetic and have high electrical and thermal conductivity and high reflectivity. Aluminium and its alloy are recommended for building purposes and for various internal outfits, at various industries and highly polluted places.

METHODOLOGY:

Author has not mentioned any specific methodology. This study was descriptive in nature. Must add methodology in your article. Methodology used to per research topic.

PRESENTATION OF RESULTS:

Result

Must add result in your article.

A Good Result: -

Results are as per aims and objective and useful to further research.

REFERENCES:

Prior publication by the author(s) of substantial portions of the data or study was appropriately acknowledged.

RELEVANCE:

The study was relevant to the mission of the journal or its audience. The study addresses important problems or issues; the study was worth doing.

FUTURE RESEARCH SCOPE:

1. Related Research Areas : polymer chemistry, supramolecular engineering, physico-chemistry, polyelectrolytes.
2. 2014 International Conference on Electronics and Electrical Engineering (ICEEE 2014) Chennai, India <http://www.saise.org/iceee2014>
3. National conference on Physics and Chemistry of Solids (NCPCS-2014) Khammam, India <http://www.ncpcs2013.350.com/>
4. Online Chemistry Courses <http://chemistry.about.com/od/onlinecourses/>

SUMMARY OF ARTICLE

		Very High	High	Average	Low	Very Low
1.	Interest of the topic to the readers	✓				
2.	Originally & Novelty of the ideas			✓		
3.	Importance of the proposed ideas		✓			
4.	Timelines	✓				
5.	Sufficient information to support the assertions made & conclusion drawn			✓		
6.	Quality of writing(Organization, Clarity, Accuracy Grammer)		✓			
7.	References & Citation(Up-to-date, Appropriate Sufficient)			✓		

Future Research Suggestions

This Article can expand further research for MINOR/MAJOR Research Project at UGC

