

## **Flexural Properties of Halloysite Nanotubes-Polyester Nanocomposites Exposed to Aggressive Environment**

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**Abstract :** This study aimed to investigate the effect of aggressive environment on the flexural properties of halloysite nanotubes-polyester nanocomposites. Results showed that the addition of halloysite nanotubes into polyester matrix was found to improve flexural properties of the nanocomposites in dry condition and after water-methanol exposure. Significant increase in surface roughness was also observed and measured by Alicona Infinite Focus optical microscope.

**Keywords :** halloysite nanotube, composites, flexural properties, surface roughness

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