

## Characterization Microstructural Dual Phase Steel for Application In Civil Engineering

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**Abstract :** The characterization of the microstructure of Dual Phase steel in various low-carbon, with a yield stress between 400 and 900 MPa were conducted .In order to assess the mechanical properties of steel, we examined the influence of their chemical compositions interictal and heat treatments (austenite + ferrite area) on their micro structures. In this work, we have taken a number of commercial DP steels, micro structurally characterized and used the conventional tensile testing of these steels for mechanical characterization.

**Keywords :** characterization, construction in civil engineering, micro structure, tensile DP steel

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