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Analysis of the Effects of Dioctyl Terephthalate Obtained from Polyethylene Terephthalate Wastes on Concrete Mortar: a Response Surface Methodology based Desirability Function Approach Application

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Highlights

- DOTP mixed concrete grout properties were firstly analyzed with the RSM.
- DOTP mixed concrete was firstly compared with PET additive concrete.
- DOTP mixed concrete grout has got very high electric resistance.
- DOTP should be preferred to produce corrosion resistance concrete.

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