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Title: STABLE COLLOIDS AT THE ISOELECTRIC POINT:
DIPOLAR VS. ELECTROSTATIC INTERACTIONS

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Highlights

A nonuniform charge- 3 patches model is proposed for rationalizing published results

The model relies on different values and variations of average and polar ξ -potentials

Polar ξ -potential influence stronger electric polarizability and colloid stability

Stability is better explained with electrostatic than with dipolar interactions

The suggested model might explain better misfits between stabilities and ξ -potentials

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