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Technological Features of Production Calcium-Alginate Microcapsules for Self-Healing Asphalt;

Surface modification of mineral filler using nanoparticles for asphalt application;

Development of aggregationally and sedimentationally resistant nanosuspension for efficient polymer modified bitumen;

Nanomodified bitumen composites: Solvation shells and rheology;

Porosity of the filler for asphalt concrete as controlling factor of structure formation;

Mineral carriers for nanoscale additives in bituminous concrete.