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DESCRIPTION

Presents researchers and engineers in the fields of coating (paints) and inks with a practical and comprehensive overview of rheological and related aspects of these two industries. This Second Edition contains new chapters on pigment/binder geometry, theoretical aspects of dispersion, and capillarity. Covers: viscosity and viscosity measurement, pigment/binder geometry and their application, critical pigment volume concentrations, surface tension phenomena, pigment dispersions and pigment disperants, solubility and interaction parameters, evaporation and volatility interaction, coating rheology, dispersion equipment, film applicators, mill base formulation and letdown, application rheology.

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