Characterising Physical Properties of Coatings

Chapter 1 – Rheology	
Rheological methods for characterising modern paint systems	5
Chapter 2 – Disperse Systems	
Characterisation of disperse systems	25
Chapter 3 – Thermal Analysis	
Dynamic mechanical analysis in coatings industry	43
Chapter 4 – Surface Structure	
Characterizing the surface structure of plastics coatings	65
Characterizing the surface structure of plastics coalings	65
Chapter 5 – Surface Tension	
Correlation between surface tension and physical paint properties	77
Chapter 6 – Mar Resistance	
Methods for characterizing the mar resistance	89
Chapter 7 – Weathering	
Influence of weathering on physical properties of clearcoats	105
millione of weathering on physical properties of clearcoals	105
Chapter 8 – Defect Analysis	
Analysis of paint defects by mass spectroscopy (LAMMA®/ToF-SIMS)	119



Chapter 9 – FTIR Spectroscopy	
UV curing systems for automotive refinish applications	137

Selected Works - References