

## **Abstract**

In the theoretical part of the diploma thesis are presented some basic and relevant informations concerning biodegradable carriers of the polyester and polyestramide type. There are described polymeric chain constitution features, biodegradation time course, properties of melts and solutions. The substantial part of the thesis is experiment, which is directed to the testing of the basic parameters of surface tension and viscosity measurements of selected polyesters and polyestramides. Solutions of the concentrations in the range from 1% to 3 % in the biocompatible solvents or in the solvents usable for the formulation of the particulate systems were tested.