

Autoadhesive labels design by adhesive microencapsulation

Robin Abderrahmen
+33 476 826 984
robin.abderrahmen@pagora.grenoble-inp.fr
Supervisors : Pr. D.Chaussy, Pr. N.Belgacem



1st
year

Printing processes Converting Biomaterials Packaging

The main objective of this project is to prepare innovative silicone liner-free pressure sensitive adhesives. The elimination of the protective layer is achieved by the “self protection” of the adhesive, thanks to its incorporation into microcapsules. This allows the preparation of “Dry labels” gluing under the application of a pressure which induced the breakage of their shells, thus releasing the core material (pressure sensitive adhesive).