

In order to produce a fusible interfacing, dots of a hot-melt polymer are deposited on the right side of an interfacing support selected from textile and nonwoven supports and the wrong side of the interfacing support undergoes electron bombardment. The dots of hot-melt polymer are based on at least one functionalized polymer comprising functional groups that can react with free radicals generated by the action of an electron bombardment and/or which are themselves generators of free radicals under the action of an electron bombardment. The penetration depth of the electrons into the polymer dots is adjusted to obtain self-crosslinking of said functionalized polymer over a limited thickness  $e$  with respect to the mean thickness  $E$  of the polymer dots. The functional groups preferably comprise functions containing an ethylenically unsaturated bond, for example of the acrylate, methacrylate, allyl, acrylamide, vinyl ether, styrene, maleic or fumaric type.