

[ABSTRACT]

POLYURETHANE FOR USE IN POLISHING LAYER, POLISHING LAYER,
POLISHING PAD, AND METHOD FOR MODIFYING POLISHING LAYER

Disclosed is a polyurethane for use in a polishing layer, including a carboxylic acid ester group, and a polyurethane preferably having a carboxylic acid ester group in at least one of a side chain, a main chain terminal, and a main chain skeleton is preferably used. Also disclosed is a method for modifying a polishing layer, including the steps of: preparing a polishing layer including a polyurethane having a carboxylic acid ester group; and hydrolyzing the carboxylic acid ester group of the polyurethane, to produce a carboxyl group.

Figure 1