

METHODS FOR MANUFACTURING A PAINT ROLLER AND COMPONENT PARTS THEREOF

ABSTRACT

Described are methods of making a paint roller using an adhesive made from a compound of polypropylene and calcium carbonate having between 5% and 66% calcium carbonate by weight. Described are methods of making a paint roller using preformed strips or core material made from a compound of polypropylene and calcium carbonate having between 5% and 66% calcium carbonate by weight. Described are methods of making a paint roller using a composite cover material made from a compound of polypropylene and calcium carbonate having between 5% and 50% calcium carbonate by weight. One or various compounds may be used to form portions of one or multiple components that make up the paint roller, including, for example, the thermoplastic strips, adhesives and/or the backing of a composite cover material. The materials can be assembled in a continuous manufacturing process.

FIGURE 1