

**Title of the Invention: AN ENVIRONMENT-FRIENDLY METHOD FOR
PREPARING POLYAMIDE RESIN**

Abstract

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An environment-friendly method for preparing polyamide resin, wherein the raw materials comprise by weight 5-60 parts of dibasic acid and 3-50 parts of diamine as polymeric monomers, and by weight 10-90 parts of polyamide of a reactive dispersion system; reactively dispersing the polymeric monomers into the polyamide dispersion system in molten state, and
10 performing a polymerization reaction to obtain the polymer product. A salt formation process in water or ethanol does not occur during the entire process. The product is not affected by the temperature and pH value during the salt formation process, and has extremely stable quality. The problems of water consumption, energy consumption, time consumption, and unstable quality in traditional nylon salt production are solved.