

POLY(ACRYLIC ACID) FROM BIO-BASED ACRYLIC ACID AND ITS DERIVATIVES

ABSTRACT

Bio-based glacial acrylic acid, produced from hydroxypropionic acid, hydroxypropionic acid derivatives, or mixtures thereof and having impurities of hydroxypropionic acid, hydroxypropionic acid derivatives, or mixtures thereof, is polymerized to poly(acrylic acid) or superabsorbent polymer using the same processes as petroleum-derived glacial acrylic acid.

[No Figure]