



ABSTRACT

Biuret polyisocyanate and process for producing the same

Disclosed is a biuret polyisocyanate obtained by reacting at least one diisocyanate selected from the group consisting of an aliphatic diisocyanate and an alicyclic diisocyanate with a biuretizing agent, wherein the biuret polyisocyanate contains urea bond-containing compounds including an urea dimer which are intermediates of the reaction between the diisocyanate and the biuretizing agent, and has an urea dimer content of not more than 0.5 % by weight, based on the total weight of the biuret polyisocyanate and the urea bond-containing compounds including the urea dimer, and the biuret polyisocyanate exhibits a transmittance of at least 90 % as measured at 430 nm using a cell having a length of 2 cm. Also disclosed is a process for producing the above-mentioned biuret polyisocyanate.

(Figure 1)

