

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, where-
in 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 con-
tent of not more than 0.5 % by weight, based on the to-
tal 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 pro-
ducing the above-mentioned biuret polyisocyanate.

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