Abstract

Carbon black, method for the production thereof, and use thereof

The invention relates to a carbon black with a CTAB surface area of from 20 to 49 m^2/g, with a COAN greater than 90 ml/(100 g), and with a sum of OAN and COAN greater than 235 ml/(100 g).

The carbon black is produced in a furnace reactor, where from 20 to 55% by weight of the feedstock used for the carbon black are introduced radially through a nozzle within the first third of the reaction zone, and the remaining amount of the feedstock used for the carbon black is introduced through a nozzle upstream at at least one further point into the reactor.

The carbon black can be used in rubber mixtures.

No Suitable Figure.