

Mouldings based on pyrogenic silicon dioxide

Abstract

5 Mouldings based on pyrogenic silicon dioxide with a pore
volume of 0.5 to 1.8 ml/g are prepared by homogenising
pyrogenic silicon dioxide with methylhydroxyethyl
cellulose, wax and polyethylene glycol with the addition
10 of water, subjecting this to a compounding and shaping
process, extruding, optionally cutting the extrudate to
the desired length using a cutting device, drying at a
temperature of 70 to 150°C and conditioning for a period
of 30 minutes to 10 hours at a temperature of 400 to
1200°C.

15 These mouldings may be used as catalysts or catalyst
supports for the preparation of vinyl acetate monomer, the
hydration of ethylene and the hydration of propylene.