

An invention relates to chemical technology, particularly to the processes for the preparation of polymer sulphur from melted.

A process comprises heating of sulphur to temperature of its polymerization by rapid mixing. The heating, combined with mixing, are carried out by circulation of liquid sulphur by drowned sulphur pump, and within temperatures 150-170 °C under layer of liquid sulphur stabilizer is added in quantity of 0.02-0.06 % from sulphur mass.