

ABSTRACT OF THE DISCLOSURE

An extrusion dryer for a rubbery polymer includes a cylinder equipped with a hopper for injection of the rubbery polymer at one end and a die at the other end.

5 A screw is rotatably arranged inside of the cylinder, the screw having a shaft and a spiral flight formed on an outer surface of the shaft. The shaft includes multiple zones, each including a conveyance section and a compression section. In the zone closest to the die,  
10 the outer diameter of the shaft at the conveyance section is smaller than the outer diameter at the compression section.

Figure 1