

PROCESS FOR MAKING THERMOPLASTIC POLYMER PELLETS

ABSTRACT OF THE DISCLOSURE

Provided is a process for making thermoplastic polymer pellets. The process has the following steps: (a) melting a thermoplastic polymer to form a polymer melt; (b) extruding the melt through a die to form a substantially continuous molten polymer extrudate wherein the die has a contact surface bearing a polymer coating having a surface energy of less than 25 mN/m at 20°C; (c) cooling the extrudate to form a cooled extrudate; and (d) pelletizing the cooled extrudate to form a plurality of polymer pellets. Provided is also a polymer pellet shipping system and a stable thermoplastic polymer pellet.

(Figure 1)