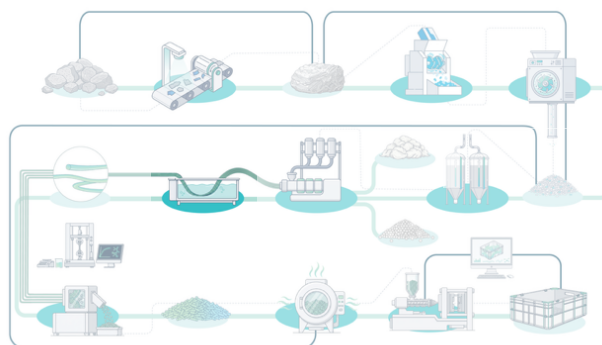


Name:

Cooling Pool / Bath



What is it?	It consists of an elongated stainless steel channel filled with continuously circulating cold water, into which semi-solid strands emerging continuously from the extruder die head at approximately 180 °C are submerged.
What is it for?	This induces a thermal shock that rapidly solidifies the extruded strands, imparting the necessary mechanical rigidity so they can be cut in the pelletiser without deforming or sticking together.
At what stage of the recycling process is it located?	At the post-extrusion cooling stage, positioned directly between the compounding extruder die head and the pelletiser.

