



## **POLYTETRAFLUOROETHYLENE WASTE: NANO-REPROCESSING (PTFE)**

Polymate Ltd.-INRC's team has developed the nano-reprocessing of the PTFE (Teflon) waste which allows production of micro / nano disperse powder of PTFE with high content of nano fractions.

Production of micro disperse PTFE powder from PTFE wastes is carried out by pressed it into solid material identical to new PTFE raw material ready for mechanical processing. Therefore recycling of valuable PTFE fractions allows to make the new composite materials.