

positive and negative environmental impacts associated with

polyester (PET)

Polyester (PET) is a synthetic fibre derived from petroleum.

+	<ul style="list-style-type: none">• melt-spun fibre - melt spinning is relatively cleaner than dry and wet spinning
-	<ul style="list-style-type: none">• non-renewable resource• no local sources available• long line of processing• often involves use of carcinogenic chemicals such as benzene, toluene, arsenic, and heavy metals including antimony• allergy-provoking dyes and carriers are added• energy and water intensive• non-degradable• no recycling infrastructure