

positive and negative environmental impacts associated with

vinyl (polyvinylchloride PVC)

PVC is a synthetic fibre derived from petroleum.

+	<ul style="list-style-type: none">• lower-embodied energy compared to other synthetic fibres
-	<ul style="list-style-type: none">• non-renewable resource• no local sources available• long-line of processing• produced by wet or dry spinning, which is more polluting than wet spinning• many carcinogenic chemicals such as phthalates are added. Phthalates are known endocrine disrupters• PVC production produces dioxins, highly toxic substances that are linked with cancer. Dioxins are a global health threat because they persist in the environment and in mammals• non-degradable• PVC is harmful to the environment after disposal