

positive and negative environmental impacts associated with

nylon

Nylon or polyamide is a synthetic fibre derived from coal.

+	<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• many carcinogenic chemicals such as benzene and hydrogen cyanide gas (nylon 6,6) are added• manufacture creates nitrous oxide, a greenhouse gas 296 times more potent than carbon dioxide for producing global warming• high-embodied energy, compared to other synthetic fibres• energy and water intensive• non-degradable• no recycling infrastructure