

Material	Notes
RPET	Recycled PET can be made with varying amounts of post-industrial and post-consumer recycled PET content. RPET is a cost-effective material option that is widely recycled in the US, so it is a great option for packaging that is unlikely to be reused.
BioPET	BioPET is a blend of bio-based and petroleum-based material, but is not a biodegradable substance. It serves as a direct substitute for PET, and can be blended with recycled content to further reduce the amount of virgin petroleum-based inputs. BioPET is widely recycled in the US along with all other PET plastics (#1 resin code).
Ocean Bound RPET	Ocean bound materials have been recovered within a specific radius of waterways that lead to the oceans. Typically the cost of this material is higher to account for the recycling infrastructure that is being built to collect these materials in emerging nations.
RPVC	Recycled PVC can be made with varying amounts of recycled PVC content, and functions like virgin PVC in most blends. RPVC recycling is not common for many consumers in the USA. Depending on the blend of recycled content, RPVC can be a cost-effective substitute for virgin PVC.
PLA	PLA is 100% bio-based and can be composted in commercial composting facilities. Due to this material's sensitivity to heat and humidity, PLA is commonly used in cold food storage applications. While PLA is the most cost-effective bio-based material, it is still more expensive than most materials with petroleum-based inputs.



SUSTAINABLE MATERIAL OPTIONS

Whether your sustainability goals include increasing the recyclability of your packaging or reducing the amount of non-renewable resources in the materials used, Jamestown Plastics can help you determine what material will be the most sustainable option for your business and the environment.

Our teams have been testing various materials to understand what production considerations must be made and how each material performs in certain applications. Our goal is to lead our customers to the material that meets both functionality and sustainability objectives.