

BP-4

Technical Data Sheet

DESCRIPTION

Coace[®] BP-4 is a glycidyl methacrylate modified Poly(butylene succinate) with high grafting rate.

TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Characteristics	Value	Unit	Test Method
Appearance	Granules		
Color	White or light yellow		
Density	1.25	g/cm ³	ASTM D792
Glycidyl Methacrylate Content	High	wt%	COACE Method ^[1]

Notes ^[1] LOW < 0.4wt%; Middle(0.4wt%-0.8wt%); High ≥ 0.8wt%.

APPLICATIONS

To be used as coupling agent between biodegradable materials like PLA, PBS and the infill materials which contain starch, wood powder and others.

To be used as compatibilizers in PLA/PBS alloy for injection molding process or blowing process.

STORAGE, HANDLING & SAFETY

Coace[®] BP-4 should be stored in dry conditions and protected from UV-light. Improper storage conditions may cause degradation and have consequences on physical properties of the product.

SHELF LIFE

3 months from the date of delivery, in unopened packaging.

For any other application over this limit, please contact with your COACE Chemical representative.

This fact sheet is intended as general advice.

Disclaimer: The information submitted in this publication is based on current COACE knowledge and experience. In view of the many factors that may affect its application, this data does not relieve the user from carrying out their own tests. The data does not imply assurance of certain properties or of suitability for a specific purpose. It is the responsibility of the user to ensure that any proprietary rights and existing laws and legislation are observed.