

BP-5

Technical Data Sheet

DESCRIPTION

Coace[®] BP-5 is a multi-functional reactive chain extender in powder form.

TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Characteristics	Value	Unit	Test Method
Appearance	Powder		
Color	White		
True Density	2.1-2.4	g/cm ³	ASTM D792
Bulk Density	0.7-1.1	g/cm ³	ASTM D792
Polar oxygen group content	2.3-2.7	wt%	COACE Method ^[1]
Loss on drying	≤0.3	%	105℃, 10min

APPLICATIONS

Coace[®] BP-5 can help the chain expansion and nucleation of degradable polyester materials, accelerate the cooling and forming speed of materials, and can also be used to enhance the viscosity of polyester materials, improve the tensile strength and puncture resistance of films and sheets.

STORAGE, HANDLING & SAFETY

Coace[®] BP-5 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

2 years 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.