

B1R

Technical Data Sheet

DESCRIPTION

Coace[®] B1R is a maleic anhydride functionalized high molecular weight polypropylene with high reactivity.

TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Characteristics	Value	Unit	Test Method
Appearance	Granules		
Color	White or light yellow		
Density	0.92	g/cm ³	ASTM D792
Melt Flow Rate (190℃/2.16kg)	1-4	g/10min	ASTM D1238
Maleic Anhydride Content	High	wt%	COACE Method ^[1]

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

APPLICATIONS

To be used as hot melt adhesive for high-strength steel mesh skeleton pipes.

To be used as coupling agent in high-strength polypropylene foam to strengthen the adhesion between infill materials and polypropylene.

STORAGE, HANDLING & SAFETY

Coace[®] B1R 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

1 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.