

G1

Technical Data Sheet

DESCRIPTION

Coace[®] G1 is a nano-scale inorganic silicate with nucleation effect.

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
The Average Particle Size	5-50	nm	ASTM D1921
Whiteness Index	>90		

APPLICATIONS

To be used in the polyester compounds, it could increase the thermal deformation temperature of the material itself.

To be used in the infilled PET composite master batch (PET/GF, PET/FR), it could increase the thermal deformation temperature of the material itself.

STORAGE, HANDLING & SAFETY

Coace[®] G1 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.