



TECHNICAL DATA SHEET

MADE FROM STONE™ BC06

RIGID PACKAGING HDPE SPECIFIC TO
BLOW MOLDING



03/26 REVISION

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PRODUCT DESCRIPTION

BC06 is a sustainable mineral compound developed for blow molding applications. This grade is based on treated calcium carbonate with an excellent dispersion rate, combined with high molecular weight HDPE enhancing mechanical properties, and is easy to process.

It brings strength and crack resistance, without impairing original key properties. Furthermore, BC06 brings additional process advantages: reduction in parison thickness which results in a lower unit weight, increase in production output and reduction in overall energy consumption.

PROPERTIES	TARGET VALUE	METHOD
Calcium Carbonate Content (%)	80	-
Polymer (%)	19.8	-
Moisture (%)	≤ 0.05	ASTM D6980
Ash (%)	78-82	ASTM D5630
Density (g/cm ³)	1.70 - 1.75	ASTM D792-07
MFI (g/ 10 min @190°C/ 2.16kg)	0.35 -0.40	ASTM D1238
Dispersion (FPV bar/g)	≤3.0	INTERNAL

CODE & PACKAGING

Code Number: BC06
25kg bags, available in one ton supersacks in selected markets.

MAIN APPLICATIONS

Rigid articles applications: bottles, containers.

ADDITIONAL PROPERTIES

Ideal for faster degradation by using our Bioterra™ and Hydroterra™ additives.

PROCESSING STATEMENT

Extrusion temperature: 200 - 220 °C.

AVAILABILITY

This product is available worldwide, currently being produced in Ecuador, India and Türkiye.

FOOD REGULATIONS

BC06 is suitable for food contact application. Upon request, detailed information can be provided in relevant Okeanos Regulatory Statements. For additional specific information, please contact Okeanos' compliance representative at legal@madefromstone.com



STORAGE & HANDLING

This product should be stored in a manner to prevent a direct exposure to sunlight and/ or heat. The storage area should also be dry and preferably don't exceed 50°C. Okeanos would not give warranty to bad storage conditions which may lead to quality deterioration such as color change, bad smell and inadequate product performance. It is advisable to process this compound within 12 months after delivery.

SUSTAINABILITY & COMPLIANCE

Okeanos offers comparative LCA reports (Life Cycle Analysis) customized for the country of origin and manufacturing, versus the baseline original product. Other tools like a consumer drive QR Code are also available.

BRANDING

Okeanos provides our brand partners with a suite of tools used to amplify messaging around your new product Made From Stone! Please note that the use of this compound does not grant automatic permission to use these branding tools. Please contact your local representative or Okeanos support. To learn more visit okeanos.global/brand-guidelines

CONTACT INFORMATION

Contact your local representative, or reach us at support@madefromstone.com if you have any questions, or need additional documentation on this product, or visit okeanos.global

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This product is not intended for the use in medical applications and should not be used in any such applications

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