



TECHNICAL DATA SHEET
MADE FROM STONE™ BC08
MULTIPURPOSE COMPOUND



04/26 REVISION

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PRODUCT DESCRIPTION

BC08 is an ecological mineral compound formulated for multiple applications including blown film (flexible packaging for bags and some food packaging).

This compound contains high purity, fine dry ground and surface treated calcium carbonate that is well dispersed in the resin matrix. The resin matrix is a blend of high density and linear low-density polyethylene, in addition to an additive package to aid processing.

This compound contains calcium carbonate (CaCO₃ 70%) and polyethylene. We recommend using BC08 at a starting inclusion rate of 85% for blown film processes.

PROPERTIES	TARGET VALUE	METHOD
Calcium Carbonate Content (%) ^{*1}	70	-
Polymer (%)	29.8	-
Moisture (%)	≤ 0.05	ASTM D6980
Ash (%)	68-72	ASTM D5630
Density (g/cm ³)	1.6 -1.8	ASTM D792-07
MFI (g/ 10 min @190°C/ 2.16kg)	1	ASTM D1238
Dispersion (FPV bar/g)	≤ 3	INTERNAL

^{*1} For BR01 CaCO₃ = 60%

CODE & PACKAGING

Code Number: BC08

Packaged in 25kg bags, available in one ton supersacks in selected markets.

MAIN APPLICATIONS

Film applications: T-shirt bags & trash bags, wraps, laminate.

ADDITIONAL PROPERTIES

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

PROCESSING STATEMENT

Extrusion temperature: 180 -200 °C.

AVAILABILITY

This product is available worldwide, currently being produced in Brazil, Colombia, and India.

FOOD REGULATIONS

BC08 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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