



Competitive Green Technologies

7 Seneca Road, Leamington ON

N8H 5P2, Canada

Phone: + 1 519 329 BLAK (2525)

World-leading biomaterials technology

TECHNICAL DATA SHEET

Product Name: CGTECH-BCR-BB-122

Product Description: The properties below are typical of our recycled natural fiber polypropylene bio-composite resins intended for injection molded storage bins.

Physical Properties	Typical Values*	Test Method
Melt Flow	10 g/min@230°C,2.16Kg	ISO 1133-1
Bio-content	20%	C-14 new carbon
Density	1.00 g/cm ³	ISO 1183
Notched Izod Impact @ 23°C	45 J/m	ASTM D256
Tensile Strength @ Yield	29 MPa	ASTM D638
Tensile Elongation @ Yield	4.5%	ASTM D638
Flexural Modulus	1.60 GPa	ASTM D790
Flexural Strength	46 MPa	ASTM D790
Heat Deflection Temperature (°C)	82	ASTM D648
Moisture Content (%)	≤1	ASTM D6980

Notes: *Values provided are typical and should not be interpreted as product specification.

The results reported are typical with the caveat that due to variable processing methods and conditions, no guarantees or warranties are expressed or implied, including expressions of fitness for purpose or merchantability.

This is a patent pending formulation.