



Beobase 10 PE cotton RTM034 blue

Material Technical Data Sheet

Date of issue: 27/08/2020 Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Powder
Name : Beobase 10 PE cotton RTM034 blue
Product code : 1090020034

1.2. Details of the supplier of the material specification sheet

Manufacturer

Beologic
Jolainstraat 44
8554 Sint-Denijs
info@beologic.com

SECTION 2: Physical, mechanical and thermal properties

2.1. Information on basic physical, mechanical and thermal properties

Properties ⁽¹⁾	Method	Typical Value	Unit
Physical			
Physical state		Solid	
Colour	Testing according to D65 10°	No data available	Lab
Relative density	ISO 1183-1	0,935	g/cm ³
MFI (190°C, 2.16 kg)	ISO 1133-1	2 - 2,5	g/10min
Mechanical			
Tensile modulus	ISO 527	1030	MPa
Ultimate strength	ISO 527	15,6	MPa
Ultimate strain	ISO 527	7,8	%
Break stress	ISO 527	10,8	MPa
Total elongation	ISO 527	85,6	%
Flexural modulus	ISO 178	676	MPa
Charpy impact strength (Notched 1eA , 23 °C)	ISO 179	12,3	kJ/m ²
Vicat softening point (B 120)	ISO 306	65 - 70	°C

(1) Typical properties; not to be construed as specifications.

2.2. Other information

No additional information available

SECTION 3: Stability and reactivity

3.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

3.2. Chemical stability

Stable under normal conditions of use.

3.3. Possibility of hazardous reactions

None under normal use.

3.4. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.