

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

1.1. Product identifier

Product form	: Powder
Name	: Beobase PE RTM186
Product code	: 9802100186

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	
Relative density	ISO 1183-1	0,895	g/cm ³
MFI (190°C, 2.16 kg)	ISO 1133-1	3-3,5	g/10min
Mechanical			
Tensile modulus	ISO 527	670	MPa
Tensile stress at yield	ISO 527	14	MPa
Break stress	ISO 527	15	MPa
Total elongation	ISO 527	605	%
Flexural modulus	ISO 178	440	MPa
Charpy impact strength (Notched 1eA , 23 °C)	ISO 179	55	kJ/m ²
Vicat softening point (B120)	ISO 306	50-55	°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.