



# Beosmart PE RTM212

## Material Technical Data Sheet

Date of issue: 13/08/2020 Version: 1.0

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

#### 1.1. Product identifier

**Product form** : Powder  
**Name** : Beosmart PE RTM212  
**Product code** : 9802100212

#### 1.2. Details of the supplier of the material specification sheet

##### Manufacturer

Beologic  
Jolainstraat 44  
8554 Sint-Denijs  
[info@beologic.com](mailto:info@beologic.com)

### SECTION 2: Physical, mechanical and thermal properties

#### 2.1. Information on basic physical, mechanical and thermal properties

Properties <sup>(1)</sup>	Method	Typical Value	Unit
<b>Physical</b>			
Physical state		Solid	
Relative density	ISO1183-1	1,03	g/cm <sup>3</sup>
MFI (190°C, 2.16 kg)	ISO1133-1	7-7,5	g/10min
<b>Mechanical</b>			
Tensile modulus	ISO 527	746	MPa
Tensile stress at yield	ICO 527	13	MPa
Break stress	ISO 527	15	MPa
Total elongation	ISO 527	544	%
Flexural modulus	ISO 178	485	MPa
Charpy impact strength (Notched 1eA , 23 °C)	ISO 179	57	kJ/m <sup>2</sup>
Vicat softening point (B120)	ISO 306	55-60	°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.