



Reviewed on 06-03-2012

## 1. General information

- **Trade name:** 50/50 PP copo inj 4
- **Article number:** 505005013
- **Manufacturer/supplier:**

Beologic NV  
Jolainstraat 44  
8554 SINT-DENIJS (Zwevegem)  
België

- **Further information obtainable from:**

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## 2. Composition / Data on components

- **Content:** 50% wood and 50% PP
- **WPC additive package:** YES
- **Injection quality:** YES
- **Injected density :** 1.1 – 1.3 kg/dm<sup>3</sup>
- **Bulk density:** 0.4 – 0.6 kg/dm<sup>3</sup>
- **Coloured in mass:** NO
- **Colour:** NO

## 3. Mechanical properties

### Tensile :

E-Modulus [N/mm <sup>2</sup> ] :	4172,37	ISO 527
Maximum force [Mpa] :	46,95	ISO 527
Strain at Fmax [%] :	2,15	ISO 527
Strain at break [%] :	2,18	ISO 527

### Flexural :

E-Modulus [N/mm <sup>2</sup> ] :	4643,24	ISO 178
Maximum force [Mpa] :	80,60	ISO 178
Strain at Fmax [%] :	3,00	ISO 178
Strain at break [%] :	3,15	ISO 178

### Impact strength :

Charpy Impact, unnotched (kJ/m <sup>2</sup> ) :	15,04	ISO 179/U/1J
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The values listed have been established on standardized test specimens at standard temperature and humidity conditions. The figures should be regarded as guide values only. Under certain conditions the properties can be influenced to a significant extent by the processing conditions.

**The technical data above are based on our current knowledge and experience. They do not release from the obligation to make one's own evaluation and trials, in respect to a variety of possible influences in processing and application of the product. A legally binding guarantee of certain properties or suitabilities for a special kind of application cannot be derived from the data.**