



Reviewed on 22-01-2013

1. General information

▪ **Trade name:** 40/60 PPC inj 025 GF/0-400

▪ **Article number:** 406005025

▪ **Manufacturer/supplier:**

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

▪ **Further information obtainable from:**

Marc Thometschek	TEL:	+32 56 735 325
	FAX:	+32 56 735 320
	E-MAIL:	info@beologic.com

2. Composition / Data on components

- | | |
|-----------------------------|------------------------------|
| ▪ Content: | 40% wood and 60% PP |
| ▪ Injection quality: | YES |
| ▪ Injected density : | 1.0 – 1.4 kg/dm ³ |
| ▪ Bulk density: | 0.4 – 0.7 kg/dm ³ |
| ▪ Coloured in mass: | NO |
| ▪ Colour: | NO |

3. Mechanical properties

Tensile:

E-Modulus [N/mm ²]:	4240	ISO 527/1A/50
Maximum force [Mpa]:	52,9	ISO 527/1A/50
Strain at Fmax [%]:	52,4	ISO 527/1A/50
Strain at break [%]:	1,9	ISO 527/1A/50

Flexural:

E-Modulus [N/mm ²]:	4875	ISO 178
Maximum force [Mpa]:	85,5	ISO 178
Strain at Fmax [%]:	2,9	ISO 178
Strain at break [%]:	2,9	ISO 178

Impact strength:

Charpy Impact, unnotched (kJ/m ²):	12,93	ISO 179/1U
------------------------------------------------	-------	------------

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.