

# PIEtec Champ

FT015/01\_en

## Specifications

**Production:** Process for producing *PIEtec Champ* cork stoppers by individual moulding

### Size specifications <sup>(1)</sup>:

Length (48 mm)	Nominal value $\pm 0.50$
Diameter (30.5 mm)	Nominal value $\pm 0.30$
Chamfer	4.5 mm at 45°

### Control points:

1. Humidity <sup>(2)</sup>	6.0% $\pm 2.0$
2. Specific weight <sup>(1)</sup>	275 kg/m <sup>3</sup> $\pm 25$
3. Resistance to boiling water <sup>(3)</sup>	Absence of disaggregation
4. Sensory analysis <sup>(5)</sup>	Neutral
5. Capillarity <sup>(5)</sup>	< 2 mm
6. Residual peroxide <sup>(4)</sup> <sup>(5)</sup>	< 0.1 mg/cork stopper
7. Residual solids <sup>(5)</sup>	< 1.5 mg/cork stopper
8. Torsion <sup>(6)</sup>	
Angle	> 30°
Momentum	> 40 daN.cm
Shear stress	> 7 daN/cm <sup>2</sup>
9. Liquid seal capability <sup>(7)</sup>	100% $\leq 6.0$ bar
10. 2,4,6 - TCA <sup>(5)</sup>	<i>PIEtec Champ</i> : < 1.5 ng/L <i>PIEtec Champ Plus</i> : < 0.8 ng/L
PCA	< DL
TeCA	< DL
TBA	< DL

### Standards:

<sup>(1)</sup> NP 4351 / NP 2803-1	<sup>(2)</sup> NP 4351 / NP 2803-02	<sup>(3)</sup> NP 4351 / NP 2803-7
<sup>(4)</sup> SYSTECODE	<sup>(5)</sup> Internal Method	<sup>(6)</sup> NP 4351 / NP 2803-6
<sup>(7)</sup> NP 2803-5		



# PIETEC Champ

Specifications

PIEDADE | Rua Padre Manuel Francisco de Sá, nº 147 | 4505-369 Fiães VFR PORTUGAL Tel.: +351 227 441 261 | Fax: +351 227 445 946 | [piedadecork@gmail.com](mailto:piedadecork@gmail.com) | [www.piedade.com.pt](http://www.piedade.com.pt)

