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**TEST REPORT CEQ-16-0533-RPR-02**

Rev. 0

Issue date: 05/09/2016

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Customer: **P.B.M. SRL - (Pistoia)**

**Sample No. 160533**

Description: HANDLE  
Diam. 25/17 mm  
Wall thickness 0,28 mm

Registration date: 29/07/2016  
Testing date(s): 11/10/2016

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This Test Report is issued within the Quality Management System of Servindustria Pistoia srl and of his CEQ Laboratory, documented by the Quality Manual and its relevant Procedures. Such a Management System guarantees traceability to carried out measurements to national and international standards of SI measurement units, through a metrological chain originating from first line standards with calibration certificates demonstrating traceability to SI standards, as requested by ISO 9001:2008 (§7.6) and ISO 10012:2003 (§7.3.2) standards.

Copies of the calibration certificates of first line equipment are available upon request.

The reported results have been obtained applying standards and/or technical procedures listed in the following page, and refer only to the equipment/samples submitted to testing, in the status they were at testing time.

Measurement uncertainties eventually declared in this Test Report have been estimated according to EA-04/2 and are expressed as expanded uncertainty, obtained multiplying the composed type uncertainty by a coverage factor  $k=2$ , which corresponds - in case of normal distribution - to a confidence level of about 95%.

Operator G. Gori

Laboratory Chief: G. Gori

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**This Test Report has been issued after internal electronic approval and authorization**

*This Test Reports refers only to the tested sample(s)*

*The copy of this document is allowed only in full original.*

*A partial copy is allowed only after CEQ written authorization, to be quoted in the copy itself.*

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**Company Quality Management System ISO 9001:2008 certified by TUV Italia (Cert.N.501008476) for:**

- Design and supply of services for: - Vocational, high, lifelong training and compulsory education - Consultancy on quality management systems - Consultancy on standards and laboratory testing in leather, footwear, textile, wood, furniture and mechanics sectors - Calibration of measuring and testing equipment

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**TEST METHOD: SQUEEZE STRENGTH**

Description Handles for blooms and other homeware - Determination squeeze strength

Reference document Internal method

Test Procedure PT-LAB-2602

**SAMPLING - CONDITIONING**

Sampling: Performed by the Customer

Conditioning before and during test: (23±2) °C / (50±5)% UR

**SPECIMENS**

Material: External diameter: 25 mm Wall thickness: 0,28 mm  
Steel with polyurethane coating

**TEST CONDITIONS**

Loading mode: Constant traverse speed

Loading speed: 50 mm/min

**RESULTS**

Specimen	Squeeze-strength	Notes
	(N)	
1	552	
2	948	
3	699	
4	595	
5	1.304	
<b>Media</b>	<b>820</b>	
<b>Min</b>	<b>552</b>	
<b>Max</b>	<b>1.304</b>	
<b>Dev.St.</b>	<b>311</b>	
<b>CV</b>	<b>38%</b>	

Notes: Tests have been carried out on the external tube.

Operator G. Gori

Laboratory Chief: G. Gori

**END OF REPORT**

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