

QUALITY SERVICE CENTRE TESTING LABORATORY



TEST REPORT CEQ-16-0528-RPR-03

Rev. 0

Issue date: 05/09/2016 Page 1 di 2

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

Sample No. 160528

Description: HANDLE

Diam. 21mm Thickness 0,25 mm

Registration date: 28/07/2016 Testing date(s): 11/10/2016

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 form 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

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

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

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

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 METH	IOD: DRAW-OFF-STRENG	TH OF ATTACHED E	ND-CAP
Description	Handles for blooms and other homeware - Determination draw-off-strength of an attached end-cap			
Reference d	ocument Internal metho	od		
Test Proced				
		SAMPLING - CONE	DITIONING	
Sampling: Performed by the Customer		Conditioning before and during test: (23±2) °C / (50±5)% UR		
		SPECIMEN	IS	
	External diameter:	21 mm	Wall thickness:	0,23 mm
Material:		Steel with polyurethane	coating	
		TEST CONDIT		500
Loading mod	de: Constant trav	erse speed	Loading speed:	500 mm/min
		RESULTS	•	
	Draw-off-strength	Draw-off-strengt		
Specimen	Screw	end-cap		Notes
•	(N)	(N)		
1	596	313		
2	583	341		
3	762	294		
4	596	345		
5	718	305		
Media	651	320		_
Min	583	294		
Max Dev.St.	762 83	345 22		
CV	63 13%	7%		
Notes:	//	.,,,		
Operator	G. Gori		Laborator	ry Chief: G. Gori
		END OF REP	ORT	

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