

**TEST REPORT X.180420.05 Rev.0**

Date of issue: 15/06/2018

Page 1 of 2

Customer: **P.B.M. SRL - Monsummano Terme (PT)****Sample No. 180420**

Sample type: Coated metal handle

Description: Prod.: PBM - Art. M1 Antigloss - P/N: 3543534331693

Arrival date: 28/05/2018

Testing date(s): 06/06/2018 until 13/06/2018

Testing site: External qualified laboratory

This Test Report is issued within the Quality Management System of Next Technology Tecnotessile Soc.Naz. di Ricerca IRI and of its CEQ Laboratory, documented by the Quality Manual and related Procedures. The Quality Management System assures the traceability of the measurements to the national and international standards of the International System (SI) measurement units, through a metrology chain originating from first line samples provided with calibration certificates proving the traceability to the SI system standards, as required in ISO 9001: 2015 (par.7.1.5.1).

The results reported were obtained by applying the standards and / or technical procedures indicated on the following pages, and refer only to the tested samples, in the state in which they were at the time of the test itself.

Any measurement uncertainty declared in this Test Report is expressed as expanded uncertainty obtained by multiplying the standard uncertainty for a coverage factor  $k = 2$ , corresponding - in the case of normal distribution - to a confidence level of approximately 95%.

Head of Laboratory: G. Gori

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

The reproduction of this document is allowed only in full copy conforming to the original. Partial compliant reproduction is permitted only after written authorization of the CEQ, to be quoted in the reproduction itself.

**Company with quality system certified ISO 9001: 2015 by TÜV Italia (Cert. No. 50 100 14364) for:**

- Design and provision of applied research and development services and technology transfer services
- Design and provision of training services
- Design and provision of consultancy services on management systems
- Chemical, physical, mechanical, electrical and non-destructive laboratory tests
- Calibration of measuring and testing equipment

**TEST REPORT X.180420.05 Rev.0**

Date of issue: 15/06/2018

Page 2 of 2

**CHEMICAL DETERMINATION OF POLYCYCLIC AROMATIC HYDROCARBONS**

Analytical method: AfPS GS 2014:01

**ANALYTICAL RESULTS**

ID	CAS No.	Parametro	u.m.	LQ	Limite	R1	R2	R3	R4
1	50-32-8	Benzo[a]pyrene	mg/kg	0.2	< 0.5	<LQ			
2	192-97-2	Benzo[e]pyrene	mg/kg	0.2	< 0.5	<LQ			
3	56-55-3	Benzo[a]anthracene	mg/kg	0.2	< 0.5	<LQ			
4	218-01-9	Chrysen	mg/kg	0.2	< 0.5	<LQ			
5	205-99-2	Benzo[b]fluoranthene	mg/kg	0.2	< 0.5	<LQ			
6	205-82-3	Benzo[j]fluoranthene	mg/kg	0.2	< 0.5	<LQ			
7	207-08-9	Benzo[k]fluoranthene	mg/kg	0.2	< 0.5	<LQ			
8	91-20-3	Naphthalene	mg/kg	0.2	< 2	<LQ			
9	193-39-5	Indeno(1,2,3-cd)-pyrene	mg/kg	0.2	< 0.5	<LQ			
10	53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.2	< 0.5	<LQ			
11	191-24-2	Benzo(ghi)perylene	mg/kg	0.2	< 0.5	<LQ			
12	209-86-8	Acenaphthylene	mg/kg	0.2		<LQ			
13	83-32-9	Acenaphthene	mg/kg	0.2		<LQ			
14	86-36-7	Fluorene	mg/kg	0.2		<LQ			
15	85-01-8	Phenanthrene	mg/kg	0.2		<LQ			
16	120-12-7	Anthracene	mg/kg	0.2		<LQ			
17	204-44-0	Fluoranthene	mg/kg	0.2		<LQ			
18	129-00-0	Pyrene	mg/kg	0.2		<LQ			
		Sum 12 to 18	mg/kg		< 10	ND			
		Sum 1 to 18	mg/kg		< 10	0.5			

LQ = Limit of Quantification - ND = Not Detectable

Reported results refer to:

Ref.	Part	Colour	Additional notes
R1	Handle (coating)	Several (blended)	
R2	//		
R3	//		
R4	//		

Comments:

Head of Laboratory: G. Gori

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