

Spett.

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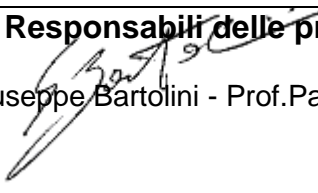
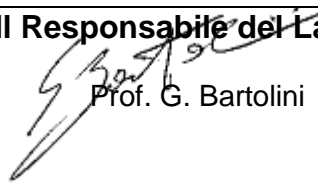
Sample description:

- A) Carpet colour Green TWC Specification IC-1 Woolmark Wall to Wall Flat Woven Cut pile level height

Codice	Prova	Norma
TF0052	Diametro delle fibre di lana con il metodo del microscopio a proiezione	IWTO-8 : 2004
TM020	PILE HEIGHT OF FLOORCOVERINGS	Woolmark TWC-TM20 : 2009
TM027	INSECT RESIST (IR) AGENT: CHEMICAL ASSAY FOR CONTENT	Woolmark TWC-TM27 : 2009
TM133	COLOUR FASTNESS TO LIGHT OF TEXTILE FLOORCOVERINGS	Woolmark TWC-TM133 : 2009
TM136	DICHLOROMETHANE EXTRACTABLE MATTER	Woolmark TWC-TM136 : 2009
TM140	STITCH AND GAUGE	Woolmark TWC-TM140 : 2009
TM142	PILE THICKNESS OF FLOORCOVERINGS	Woolmark TWC-TM142 : 2009
TM155	FIBRE CONTENT (QUALITATIVE AND QUANTITATIVE ANALYSIS OF FIBRE MIXTURES CONTAINING WOOL)	Woolmark TWC-TM155 : 2009
TM202	WITHDRAWAL FORCE TO REMOVE TUFTS OR PILE (FROM TEXTILE FLOORCOVERINGS)	Woolmark TWC-TM202 : 2009
TM216	PILE MASS DENSITY FACTOR (PILE TEXTILE FLOORCOVERINGS)	Woolmark TWC-TM216: 2009
TM232	COLOUR FASTNESS TO RUBBING OF TEXTILE FLOORCOVERINGS	Woolmark TWC-TM232: 2009
TM233	COLOUR FASTNESS TO SHAMPOOING OF TEXTILE FLOORCOVERINGS AND UPHOLSTERY FABRICS	Woolmark TWC-TM233: 2009
TM234	SURFACE PILE MASS OF TEXTILE FLOORCOVERINGS (BAND KNIFE MACHINE METHOD)	Woolmark TWC-TM234: 2009
TM247	CHANGES IN SURFACE STRUCTURE AND COLOUR OF TEXTILE FLOORCOVERINGS	Woolmark TWC-TM247: 2009

TM257	TEXTURE CHANGE OF TEXTILE FLOORCOVERINGS DUE TO HOT WATER SPILLAGE	Woolmark TM257: 2009	TWC-
TM283	WOOL CARPET PILE ABRASION (WEIGHT LOSS METHOD)	Woolmark TM283: 2009	TWC-

I risultati delle prove si riferiscono esclusivamente ai materiali presentati dal committente, non campionati dal laboratorio.
 Su tutte le pagine del presente rapporto di prova è apposto il timbro a secco dell'istituto.
 Tutti i materiali analizzati vengono conservati per tre mesi.

I Responsabili delle prove  Prof. Giuseppe Bartolini - Prof. Paolo Borgiotti	V.to Il Responsabile del Laboratorio  Prof. G. Bartolini
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Inizio del rapporto di prova

TM155	FIBRE CONTENT
	WV 100%

Complies to Woolmark product specification IC-1: 2013

TM216	PILE MASS DENSITY
Pile mass density	640456

Complies to Woolmark product specification IC-1: 2013

TM202	WITHDRAWAL FORCE TO REMOVE TUFTS
Withdrawal force	14,7

Complies to Woolmark product specification IC-1: 2013 (Woven Pile cut pile)

TM283	WOOL CARPET PILE ABRASION (WEIGHT LOSS METHOD)			
Rate of weight loss	mg/1000 cycles	21	Coefficient of variation %	5,4%

Complies to Woolmark product specification IC-1: 2013

TM247 /TM251	CHANGES IN SURFACE STRUCTURE AND COLOUR (HEXAPOD)			
	1500 revolutions		8000 revolutions	
Appearance	4/5		Appearance	4
Colour change	4		Colour change	3
Overall appearance change	4/5			

Complies to Woolmark product specification IC-1: 2013

Sede: Biella

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Mod.018 Rev. 1 del 11.01.2010

TM136	DICHLOROMETHANE EXTRACTABLE MATTER
Mehanol	0,78 %

Complies to Woolmark product specification IC-1: 2013

TM 27&28		INSECT RESISTANCE	
SAMPLE			
Sample format	Carpet sample		
Product end use	Carpets		
IR Agent applied	Permethrin		
Application method	Dyeing		
Requested Protection level or	Woolmark L3		
TEST RESULT			
IR Agent present by chemical assay (%vol/wt)	0,0425	Permethrin	
IR Agent content corrected for fastness (%wt/wt)	0,0255	Permethrin	
Sample assignment to	Woolmark L3	PASS	

Complies to Woolmark product specification IC-1: 2013

TM234		SURFACE PILE MASS		
Surface pile mass (p)	g/m ²	2915,0	Coefficient of variation %	1,5%

Complies to Woolmark product specification IC-1: 2013

TM20		PILE HEIGHT	
		11	

Complies to Woolmark product specification IC-1: 2013

TM140		STITCH AND GAUGE	
"Warp"	punti/100 mm	33	
"Weft"	punti/100 mm	62	

Complies to Woolmark product specification IC-1: 2013

TM233		COLOR FASTNESS TO SHAMPOOING	
CHANGE		4	
STAIN WOOL		4	
STAIN COTTON		4	

Complies to Woolmark product specification IC-1: 2013

TM232		COLOR FASTNESS TO RUBBING	
WET		4/5	
DRY		4	

Complies to Woolmark product specification IC-1: 2013

TM257	HOT WATER TEXTURE RETENTION
CHANGE	4

Complies to Woolmark product specification IC-1: 2013

TM133	COLOR FASTNESS TO LIGHT
	5

Complies to Woolmark product specification IC-1: 2013

IWTO 8	KEMP IN BLEND
	3

Complies to Woolmark product specification IC-1: 2013

Location suitability Grade	Extra heavy duty residential
Location suitability Grade	Extra heavy duty commercial

NB. The results reported in the tables above refer to a test analysis of the samples submitted

Fine del testo relativo ai risultati di analisi contenuti nel presente rapporto di prova.