



Date:	7/28/2020	Test Report: 2007X19
Client:	R&R Lotion 15547 North 77th Street Scottsdale, Arizona 85260	
Sample(s) Received:	6/25/2020	
Sample Description (provided by client):	R&R Lotion Inc., Insect Repellent Lotion- Part Number IBR tested on Mfg. Miliken, Style MPG S000105572, 7.5 oz/yd ² 254 g/m ² Twill, 88% Cotton 12% Nylon, Navy, AAD 8.4	
Testing Date:	7/24/2020	
Procedure:	Testing was completed in accordance with the method identified below at ArcWear in Louisville, Kentucky.	

ASTM D3776/D3776M-09a (2017)						
Standard Test Method for Mass per Unit Area Fabric Weight-Option C Small Swatch						
Preconditioning:	Laundered 3 times and dried once, by ArcWear, in accordance with AATCC Test Method 135-18, Procedure 3, IV, Aiii					
Conditioning:	In accordance with ASTM D1776					
Slevages Included:	No					
Fabric Mass (oz/yd ²):	8.70					
Fabric Mass (g/m ²):	295					
ASTM D6413/D6413M-15						
Standard Test Method for Flame Resistance of Textiles (Vertical Test)						
Preconditioning:	Coated with 1 g of R&R Insect Repellent Lotion- Part Number IBR. Tested within 5-10 minutes of application. Laundered 3 times and dried once, by ArcWear, in accordance with AATCC Test Method 135-18, Procedure 3, IV, Aiii					
Length Direction						
	1	2	3	4	5	AVG Length
Afterflame Time (sec)	0.4	0.6	0.6	0.4	0.4	0.5
Afterglow Time (sec)	0.6	0.6	0.8	1.0	0.8	0.8
Char Length (mm)	9.0	12.0	21.0	15.0	12.0	13.8
Melting?	no	no	no	no	no	None
Dripping?	no	no	no	no	no	
Width Direction						
	1	2	3	4	5	AVG Width
Afterflame Time (sec)	0.4	0.4	0.4	0.4	0.4	0.4
Afterglow Time (sec)	0.6	0.8	0.8	1.0	1.0	0.8
Char Length (mm)	27.0	12.0	15.0	9.0	15.0	15.6
Melting?	no	no	no	no	no	None
Dripping?	no	no	no	no	no	

Signed for the Company by:

Any Test Method Modification noted on this Test Report may affect the test results.
When information is noted as having been supplied by the client, this information may affect the validity of reported results.
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Test results of the sample(s) provided by the client apply only to the sample as received.
If verdicts are presented above, they are based upon a direct comparison of the measured value at the time of testing, to a published or customer supplied tolerance for the specification listed. Results determined by ArcWear do not include measurement uncertainty in making the determinations of conformity to the applicable specification, unless specifically requested. It is the responsibility of the report recipient to determine if the pass / fail tolerances meet the requirements of the intended end use.
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Product Information: Insect Repellent Lotion- Part Number IBR

