

ArcWear

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Sampling and Specimen Preparation - Arc Testing

Date: June 23, 2015

Report #: 1506P66-SP

Client: BSD GmbH
Lutherstrasse 33
Grossroehrsdorf 01900 Germany
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At request of: Thomas Jordan

Sample Identified By Client As:

BSD GmbH, 2 Layers of Reference Number Balaclava 2 Layer, Style Novotex, 7.8 oz/yd² 265 g/m² Knit, 50% Kermel 50% Viscose, Blue, AAD 8.3 oz/yd² 281 g/m², ArcWear# 1506P66

Sample received on: June 18, 2015

Test Procedure:

The samples were laundered 3 times in accordance with Section 8.2.1 of ASTM F1959/F1959M-14 *Standard Test Method for Determining the Arc Rating of Materials for Clothing* and AATCC Test Method 135, Procedure 3, IV, Aiii. The post-laundered aerial density was determined and test specimens were cut, assembled, and prepared for testing in accordance with Section 8 of ASTM F1959/F1959M-14 *Standard Test Method for Determining the Arc Rating of Materials for Clothing*. The total weight per load of the specimens and ballast (if used) was lbs.

This is a design test which is required as a part of the compliance with ASTM F1506-10a. Other tests and ongoing testing are required for full compliance. ArcWear recommends asking for reports of ongoing testing from the manufacturer of the garment or fabric. Of special importance is vertical flammability but other test requirements may also be desired as proof that the product meets the full performance specification.

The results of testing to ASTM F1959/F1959M-14* have been documented in Kinectrics Report Number K-418806-1506P66. Based on this test report, this sample received a final performance value of

Arc Rating: ATPV=34 cal/cm²

Signed for the Company by:

Hugh Hoagland
President



TESTING CERT #3570.01

*ASTM F1959/F1959M-14 is performed at Kinectrics and is on their scope of accreditation (SCC Accredited Lab # 610). ASTM F1959 is not on ArcWear's scope of accreditation.