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Test Report No. 1.1 / 13525 / 0129.0.1-2016e

General

Issued : 26 February 2016

Order by : **Dörken GmbH & Co. KG**
Wetterstraße 58
58313 Herdecke, GERMANY

Material : Composite consisting of 3 PP layers (grey/black)
DELTA-VENT N
(declaration by customer)

Order date : 18 January 2016

Samples delivered : 20 January 2016

Tests	Standard	Issue	Results as Enclosure No.
1. Determination of flexibility at low temperatures	DIN EN 1109	07.2013	A1

The results apply exclusively to the specimens submitted.
The date of testing is reported on the enclosed enclosure/-es.
Results are reported to the accuracy given in the standards. In statistical evaluation, the measured accuracy is taken.

This test report contains 2 pages and 1 enclosure/-es (enclosure/-es A1)
It may not be published in parts.

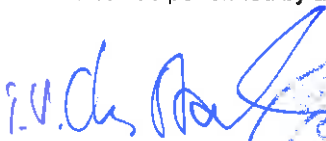

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Summary of results

Date / Ref. : 26 February 2016 / cs
 Order by : Dörken GmbH & Co. KG, Wetterstraße 58, 58313 Herdecke, GERMANY
 Material : Composite consisting of 3 PP layers (grey/black)
DELTA-VENT N
 (declaration by customer)

Test	Standard	Unit	Result
Determination of flexibility at low temperatures*	DIN EN 1109 07.2013	-	The material has passed the test at -50 °C.

* The test was performed by an accredited external laboratory


 i.V. Dipl.-Ing. (FH) Christoph Staubermann
 (Head of test laboratory)



 i.A. Matthias Käsekamp, B. Eng.
 (Staff of test laboratory)



Determination of flexibility at low temperature DIN EN 1109 (07.2013)

Test Report No. : 1.1/13525/0129.0.1-2016
Company : Dörken GmbH & Co. KG
Material : DELTA-VENT N
Operator : external

Date: 19.02.2016

Test parameters

Number of tested specimen : 10
Size of specimen : 140 mm x 50 mm
Number of specimen : 5 specimen upper side
: 5 specimen underside
Climatisation : 4 h at 23 ± 2 °C
Storage in test liquid before testing : 1 h \pm 5 min.
Test temperature : -50 °C
Application standard : DIN EN 13859-1 (07.2014)

Results

None specimen of the 10 test pieces showed a break neither on the upper side nor on the underside.
The material has passed the test of the flexibility at low temperature at the given temperature of - 50 °C.

Note