

## DAIMLERCHRYSLER



Blanket statements of conformance are unacceptable for any test results

SIGNATURE

Petr Plochý

TITLE

DATE

24.02.2021

3

**SAGE**  
Automotive Interior

**Sage Automotive Interiors, Strakonice Fabrics, s.r.o.**  
**Heydukova 1111, 386 01 Strakonice**  
**IČO: 092 97 235**

# **Production Part Approval Performance Test Results**

DAIMLERCHRYSLER



ORGANIZATION: <b>Sage Automotive Interiors, Strakonice Fabrics, s.r.o.</b>				PART NUMBER: <b>3554170-1550H7_F</b>		
SUPPLIER/VENDOR CODE:				PART NAME: <b>INTERSECTION RC/Z31/ebony</b>		
MATERIAL SUPPLIER:				DESIGN RECORD CHANGE LEVEL:		
*CUSTOMER SPECIFIED SUPPLIER/VENDOR CODE:				ENGINEERING CHANGE DOCUMENTS:		
*If source approval is req'd, include the Supplier (Source) & Customer assigned Code.				<b>WSS-M8P18-B1/B4 (28.9.2015)</b> <b>JCS-F2946</b>		
TEST SPECIFICATION / REV / DATE	SPECIFICATION/ LIMITS	TEST DATE	QTY. TESTED	SUPPLIER TEST RESULTS (DATA)	OK	Not OK
Tensile strength at break      ASTM D5034						
warp	≥ 400 N			1578	x	
weft	≥ 400 N			1405	x	
Elongation at break      ASTM D5034						
warp	report (%)			65	x	
weft	report (%)			50	x	
Tear strength      ASTM D 5587						
warp	≥ 100 N			392	x	
weft	≥ 100 N			351	x	
Stretch      SAE J 855						
warp	report (%)			6,91	x	
weft	report (%)			2,32	x	
Set      SAE J 855						
warp	report (%)			0,0	x	
weft	report (%)			0,0	x	
Bond strength      FLTM BN 151-05						
face-warp - verbally	≥ 6 N			foam breaking	x	
face-weft - verbally	≥ 6 N			foam breaking	x	
back-warp - verbally	≥ 3,5 N			5,1	x	
back-weft - verbally	≥ 3,5 N			3,8	x	
Seam strength      FLTM BN 119-01						
warp	≥ 400 N			518	x	
warp - verbally				weave OK	x	
weft	≥ 400 N			559	x	
weft - verbally				weave OK	x	
Seam fatigue      FLTM BN 106-02						
6 mm-warp	≤ 3 mm			0,29	x	
6 mm-warp - verbally				OK	x	
6 mm-weft	≤ 3 mm			2,73	x	
6 mm-weft - verbally				OK	x	
8 mm-warp	≤ 3 mm			0,35	x	
8 mm-warp - verbally				OK	x	
8 mm-weft	≤ 3 mm			2,84	x	
8 mm-weft - verbally				OK	x	

**Blanket statements of conformance are unacceptable for any test result**

MARCH 2006 CFG-1005

SIGNATURE

Petr Plochy

TITLE

DATE

24.02.20215

**SAGE**  
Automotive Interiors

Sage Automotive Interiors, Strakonice Fabrics, s.r.o.  
Heydukova 1111, 386 01 Strakonice  
IČO: 092 97 235

# **Production Part Approval Performance Test Results**

DAIMLERCHRYSLER



ORGANIZATION: <b>Sage Automotive Interiors, Strakonice Fabrics, s.r.o.</b>				PART NUMBER: <b>3554170-1550H7_F</b>		
SUPPLIER/VENDOR CODE:				PART NAME: <b>INTERSECTION RC/Z31/ebony</b>		
MATERIAL SUPPLIER:				DESIGN RECORD CHANGE LEVEL:		
*CUSTOMER SPECIFIED SUPPLIER/VENDOR CODE:				ENGINEERING CHANGE DOCUMENTS:		
*If source approval is req'd, include the Supplier (Source) & Customer assigned Code.				<b>WSS-M8P18-B1/B4 (28.9.2015)</b>		
				<b>JCS-F2946</b>		
TEST SPECIFICATION / REV / DATE	SPECIFICATION/ LIMITS	TEST DATE	QTY. TESTED	SUPPLIER TEST RESULTS (DATA)	OK	Not OK
Retained tensile strength FLTM BN 117-03 A						
warp	≥ 40 %			80,4	x	
weft	≥ 40 %			83,7	x	
Crocking FLTM BN 107-01						
Dry - warp	≥ 4 grade			5	x	
Dry - weft	≥ 4 grade			5	x	
Wet - warp	≥ 4 grade			5	x	
Wet - weft	≥ 4 grade			5	x	
Mace snagging FLTM BN 108-11						
warp	OK/NOK			OK	x	
weft	OK/NOK			OK	x	
Abrasion - Martindale FLTM BN 158-01						
cycles	50000			50000	x	
cycles-verbally	OK/NOK			OK	x	
Abrasion - Taber-verbally SAE J 948	OK/NOK			OK	x	
Fade resistance 451,2 kJ/m <sup>2</sup> FLTM BO 116-01	≥ 4-5 grade			5	x	
Fade resistance 977,6 kJ/m <sup>2</sup> FLTM BO 116-01	≥ 4 grade			4-5	x	
Surface fiber deterioration after 977,6 kJ/m <sup>2</sup> FLTM BN 117-03 B						
warp	OK/NOK			OK	x	
weft	OK/NOK			OK	x	
Pilling - 50 cycles VDA 230-210	≥ 4 grade			4	x	
Water shrinkage-warp/weft FLTM BN 105-01	≤ 6 %			0 / 0,1	x	
Heat shrinkage-warp/weft FLTM BN 105-01	≤ 6 %			0 / 0,2	x	
Shrinkage of backing fabric WSS-M8P18-B1/B4						
warp/weft	≤ 2 %			0 / 0	x	
Crease test WSS-M8P18-B1/B4						
warp	report (alphabetically)			D	x	
weft	report (alphabetically)			D	x	
Fogging SAE J 1756	≥ 70 %			95	x	
Odor (C1/C2/C3) FLTM BO 131-03	≤ 3 grade			1,5 / 2 / 3	x	
Resistance to heat ageing WSS-M8P18-B1/B4	≥ 4 grade			5	x	
Curling WSS-M8P18-B1/B4	≤ 13 mm			8	x	
Thermal migration/Staining WSS-M8P18-B1/B4	≥ 4 grade			5	x	

Blanket statements of conformance are unacceptable for any test result

MARCH 2006 CFG-1005

SIGNATURE	TITLE	DATE
Petr Plochy		24.02.2021

**SAGE**  
 Automotive Interiors  
 Sage Automotive Interiors, Strakonice Fabrics, s.r.o.  
 Heydukova 1111, 386 01 Strakonice  
 IČO: 092 97 235

# Production Part Approval Performance Test Results

DAIMLERCHRYSLER



ORGANIZATION: Sage Automotive Interiors, Strakonice Fabrics, s.r.o.	PART NUMBER: 3554170-1550H7_F
SUPPLIER/VENDOR CODE:	PART NAME: INTERSECTION RC/Z31/ebony
MATERIAL SUPPLIER:	DESIGN RECORD CHANGE LEVEL:
*CUSTOMER SPECIFIED SUPPLIER/VENDOR CODE:	ENGINEERING CHANGE DOCUMENTS:
*If source approval is req'd, include the Supplier (Source) & Customer assigned Code.	WSS-M8P18-B1/B4 (28.9.2015) JCS-F2946

TEST SPECIFICATION / REV / DATE	SPECIFICATION/ LIMITS	TEST DATE	QTY. TESTED	SUPPLIER TEST RESULTS (DATA)	OK	Not OK
Lint pick-up and lint retention FLTM BN 125-01						
lint pick-up - horizontal	≥ 3 grade			3	x	
lint pick-up - vertical	≥ 3 grade			3	x	
lint retention - horizontal	≥ 4 grade			4	x	
lint retention - vertical	≥ 4 grade			4	x	
Flammability SAE J 369, ISO 3795						
warp	≤ 100 mm/min			0 CC	x	
warp-verbally	verbally			SE/NBR	x	
weft	≤ 100 mm/min			0 CC	x	
weft-verbally	verbally			SE/NBR	x	
Soiling and Cleanability FLTM BN 112-08						
synthetic dirt - cleaning	≥ 4 grade			5	x	
coffee - cleaning	≥ 4 grade			5	x	
NLGI grease - cleaning	≥ 4 grade			4	x	
Resistance to staining FLTM BN 112-12 A						
Coca Cola Classic	≥ 4-5 grade			4-5	x	
instant coffee	≥ 4-5 grade			5	x	
milk	≥ 4-5 grade			4-5	x	
deionized water	≥ 4-5 grade			5	x	
tap water	≥ 4-5 grade			5	x	
Resistance to staining FLTM BN 112-12 B						
deionized water	verbally			no stain	x	
tap water	verbally			no stain	x	

Blanket statements of conformance are unacceptable for any test result

MARCH 2006 CFG-1005

SIGNATURE

Petr Plochy

TITLE

DATE

24.02.2021

**SAGE**  
Automotive Interiors  
Sage Automotive Interiors, Strakonice Fabrics, s.r.o.  
Heydukova 1111, 386 01 Strakonice  
IČO: 092 97 235

5