DEADENER SHEETING, MAGNETIZABLE, HIGH TEMPERATURE FUSIBLE, PLANE PARTS, 1.5 MM NOMINAL THICKNESS	**WSK-M99G140-C1**
DEADENER SHEETING, MAGNETIZABLE, HIGH TEMPERATURE FUSIBLE, PLANE PARTS, 2.1 MM NOMINAL THICKNESS	**WSK-M99G140-C2**
DEADENER SHEETING, MAGNETIZABLE, HIGH TEMPERATURE FUSIBLE, PLANE PARTS, 1.5 MM NOMINAL THICKNESS	**WSK-M99G140-C3**
DEADENER SHEETING, MAGNETIZABLE, HIGH TEMPERATURE FUSIBLE, PLANE PARTS, 2.1 MM NOMINAL THICKNESS	**WSK-M99G140-C4**
DEADENER SHEETING, MAGNETIZABLE, HIGH TEMPERATURE FUSIBLE, PLANE PARTS, 3.1 MM NOMINAL THICKNESS	**WSK-M99G140-C5**
DEADENER SHEETING, MAGNETIZABLE, HIGH TEMPERATURE FUSIBLE, MOLDED PARTS, 2.1 MM NOMINAL THICKNESS	**WSK-M99G140-C6**
DEADENER SHEETING, MAGNETIZABLE, HIGH TEMPERATURE FUSIBLE, MOLDED PARTS, 3.1 MM NOMINAL THICKNESS	**WSK-M99G140-C7**

1. SCOPE

The materials defined by these specifications are magnetizable and heat bondable deadener sheetings with an anti-blocking surface finish on one side. WSK-M99G140-C1 and WSK-M99G140-C3 consist of single layered, WSK-M99G140-C2 and WSK-M99G140-C4/C5/C6/C7 of double layered deadener sheetings, of which one layer is magnetizable.

2. APPLICATION

Material specification requirements are to be used for initial qualification of materials.

These specifications were released originally for materials used as vibration deadeners in the passenger compartment to the inner sides of roof, door tail gate and side wall. WSK-M99G140-C1/C2 are applied in inverted, WSK-M99G140-C3/C4/C5 in vertical or horizontal position. WSK-M99G140-C6/C7 are molded parts.

Prior to use the material must be magnetized under actual production conditions. It is applied to baked electrocoat.

3.0 STANDARD REQUIREMENTS FOR PRODUCTION MATERIALS

Material suppliers and part producers must conform to the Company's Standard Requirements For Production Materials (WSS-M99P1111-A).

Date	Action	Revisions
2006 09 25	Revised	Inserted 3.0; Deleted 3.1, 3.2, 3.3, 3.8, 4; Corrected numbering in 5
1992 07 01	Released	EP00E10176272000 C. Dittebrandt

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3.4 MATERIAL PROPERTIES

3.4.1 Composition

Bitumen and plastic base, magnetizable, with an antiblocking surface on one side.

3.4.2 Solids, min (FLTM BV 150-10) 99%

3.4.3 Ash, max (FLTM BV 150-10) 85%

3.4.4 Thickness (ISO 4593)

	Total	Magnetic Layer	Acoustic Foil
WSK-M99G140-C1/C3	1.3-1.7 mm		
WSK-M99G140-C2/C4/C6	1.9-2.3 mm	0.6-1.0 mm	1.1-1.5 mm
WSK-M99G140-C5/C7	2.9-3.3 mm	0.6-1.0 mm	2.1-2.5 mm

3.4.5 Density, g/cm^3 (ISO R 1183, Method A)

	Total	Magnetic Layer	Acoustic Foil
WSK-M99G140-C1/C3	2.40-2.80		
WSK-M99G140-C2/C4/C6	1.80-2.20	2.60-2.80	1.50-1.90
WSK-M99G140-C5/C7	1.75-2.15	2.60-2.80	1.50-1.90

3.4.6 Color Black or as specified on Engineering Drawing

3.5 PREPARATION OF TEST SPECIMENS

Substrate
Current production electrocoated steel panels

a) minimum heat curing 30 minutes at 135 °C
b) maximum heat curing 60 minutes at 204 °C

After curing condition to 23 +/- 2 °C.

WSK-M99G140-C1 and -C2 are cured in inverted, WSK-M99G140-C3 to -C7 in vertical position.

Use separate test assemblies for each curing cycle.

Note: If the finished parts do not allow the preparation of plane specimens, the supplier is required to provide specimens of the same material and equivalent manufacture used for the finished parts.

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