ISOCYANATE FOR PUR FOAM, MOLDED **WSS-M5D21-A**

1. SCOPE

The material defined by this specification is a MDI type isocyanate (component B).

2. APPLICATION

This specification was released originally for material used for producing seat pads on the 1997 Mondeo.

3. REQUIREMENTS

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

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).

3.4	**VISCOSITY** (ASTM D 2849, test temperature 25 +/- 0.5 °C, spindle no. 2, rotational frequency 12/minute)	16 +/- 10 mPas
3.5	**CUP TEST** (FLTM BO 160-02, Mixing Ratio)	100 : 60
	Test Portion of Component A	34.4 g
	Test Portion of Component B	20.6 g
	Component A according to specification WSS-M5D22-A	
	Mixing Time	7 s
	3.5.1 Creaming Time	11 +/- 3 s
	3.5.2 Rising Time	75 +/- 8 s
3.6	**FOAMING PROPERTIES** (FLTM BO 160-03, except conditioning period after demolding 30 +/- 3 minutes prior to test for indentation hardness)	
	Mixing Ratio	100 : 60
	Mold Temperature	58 +/- 2 °C
	Component A according to specification WSS-M5D22-A	
	Mixing Time	7 s
	Weight of Part	740 +/- 20 g
	3.6.1 Indentation Hardness	345 +/- 50 N

Date	Action	Revisions
2006 08 11	Revised	Inserted 3.0; Deleted 3.1, 3.2, 3.3, 3.9, 3.10 & 4
2001 06 25	Revised	Updated & Renumbered A. Cockman
1996 10 10	Activated	K. Gerhards

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3.7 FORMATION OF LUMPS

Pour 250 g of component A, as delivered, through a wire mesh (width of mesh 0.8 mm). The material shall show no oversize residue.

3.8 COLOR

Natural or according to Engineering Drawing.

5. GENERAL INFORMATION

The information given below is provided for clarification and assistance in meeting the requirements of this specification.

5.1 STORAGE STABILITY
(From date of receipt at FMC)

Minimum 3 months at a temperature between +18 and +25 °C. The material shall be stored in air tight containers.

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