



POLYOL FOR PUR FOAM, MOLDED

WSS-M5D22-A

1. SCOPE

The material defined by this specification is a polyether polyol (component A) with the necessary additives e.g. catalysts and stabilizers.

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 1150 +/- 250 mPas
(ASTM D 2849, test temperature 25 +/- 0.5 °C, spindle no. 2, rotational frequency 12/minute)

3.5 CUP TEST 100 : 60
(FLTM BO 160-02, Mixing Ratio)

Test Portion of Component A 34.4 g
Test Portion of Component B 20.6 g
Component B according to specification WSS-M5D21-A
Mixing Time 7 s

3.5.1 Creaming Time 11 +/- 4 s

3.5.2 Rising Time 75 +/- 12 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 B according to specification WSS-M5D21-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
1996 10 10	Activated	





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.