

**Product Name**

Date of issue: June 2021

Revision No : 5

EMPEYOL MSF 300/4

**Product Description**

Ecofriendly Methylal based formulated polyether polyol to be used in combination with Isocyanate -Empeyolate XR1 for the production of arm rest for automotive and furniture at Low Density.

**Properties of Polyol**

Characteristics	Unit	Specification
Appearance	-	White viscous liquid
Density @25°C	cps	2000 (maximum)
Viscosity @25°C	g/cc	1.100 + 0.02

**Recommended Process Conditions in Bench Mixer at 25°C**

Process Parameters	Units	Value
Mixing ratio (Polyol : Polymeric MDI)	-	100:54
Polyol Temperature	°C	20-25
MDI Temperature	°C	20-25
Mold Temperature	°C	40-50
Cream time	sec	100 + 20
Rise time	sec	250 + 30
Free rise density	Kg/m <sup>3</sup>	110 + 10

**Properties of Foam**

Properties	Test Method	Unit	Value
Overall Density	MTM	Kg/m <sup>3</sup>	200(minimum)
Shore A Hardness	MTM	-	50(minimum)

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**Packaging Size**

210 kg Nett

**Shelf Life**

6 Months

**Storage and  
Handling**

EMPEYOL MSF 300/4 and EMPEYONATE XR1- ISOCYANATE should be stored in tightly closed containers at temperature between 20°C and 30°C and should not be exposed to direct sunlight.

**Health and  
Safety Advice**

EMPEYOL MSF 300/4 polyol should present no unusual health problems when used in manufacturing operations where satisfactory standards of personal and industrial hygiene are maintained. Precautions should be taken to avoid exposure to the eye or prolonged contact with the skin.

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