

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 -Empeyona XR1 for the production of arm rest for automotive and furniture application

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 : PolymericMDI)	-	100:54
Polyol Temperature	°C	20-25
MDI Temperature	°C	20-25
Mold Temperature	°C	40-50
Cream time	sec	35-45
Rise time	sec	70-90
Free rise density	Kg/m ³	135 + 05

Properties of Foam

Properties	Test Method	Unit	Value
Overall Density	MTM	Kg/m ³	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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