

**Product Name**

 Date of issue: Jan. 2019  
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EMPEYOL WSF 300/10 L

**Product Description**

EMPEYOL WSF 300/10 L is formulated polyether polyol to be used in combination of MT99 for the production of polyurethane flexible molded foams for four wheeler automotive seat cushion and Furniture application.

**Properties of Polyol**

Characteristics	Unit	Specification
Appearance	-	White liquid
Density @25°C	cps	2000 (max)
Viscosity @25°C	g/cc	1.03-1.040

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

Process Parameters	Units	Value
Mixing ratio (Polyol: Polymeric MDI)	-	100:45
Polyol Temperature	°C	20-25
MDI Temperature	°C	20-25
Mold Temperature	°C	60-65
Cream time	sec	09 + 02
Gel time	sec	60-65
Demold time	sec	240 (minimum)

**Properties of Foam**

Properties	Test Method	Unit	Value
Molded Density		Kg/m <sup>3</sup>	40.0-43.0
IFD @ 25%	ASTM D 3574-08B	Kgf/314 cm <sup>2</sup>	21.0 (min)
Tensile strength	ASTM D3574-08E	Kg/cm <sup>2</sup>	1.00 (min)
Tear Strength	ASTM D3574-08F	Kg/cm	0.50 (min)
Elongation	ASTM D3574-08E	%	100 (min)
Resilience	ASTM D3574-08H	%	50 (min)

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**Packaging Size**

200 Kg Nett

**Shelf Life**

6 Months

**Storage and  
Handling**

EMPEYOL WSF 300/10 (L) and MT99 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 WSF 300/10(L) 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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