

**Product Name**

EMPEYOL WSF 300/3 (AIR FILTER)

**Product Description**

**EMPEYOL WSF 300/3** is an eco-friendly formulated polyether polyol to be used in combination with suitable isocyanate for the production of microcellular polyurethane elastomers for AIR FILTER application.

**Properties of Polyol**

Characteristics	Unit	Specification
Appearance	-	White to Pale yellow liquid
Viscosity @25°C	cps	1000 ± 100
Density @25°C	g/cc	1.020 ± 0.020

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

Process Parameters	Unit	Specification
Mixing ratio (Polyol : Isocyanate)	-	100 : (45-55)
Polyol Temperature	°C	25 ± 02
MDI Temperature	°C	25 ± 02
Cream time	sec	15-20
Gel time	sec	37-43
Rise time	sec	70-75
Free rise density	Kg/m <sup>3</sup>	250 ± 20
Demold time	sec	360

**Properties of Foam**

Properties	Test Method	Unit	Specification
Molded Density		Kg/m <sup>3</sup>	400 ± 20
Shore A	SATRA TM 205:2017	No unit	28 ± 8

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**Packaging Size**

200 / 25 kg nett

**Shelf-Life**

6 Months

**Storage and  
Handling**

EMPEYOL WSF 300/3 and Empeyonate ISE MPP205 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 300/3 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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