

**Product Name**

 Date of issue: Jan. 2020  
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EMPEYOL FST 200/11

**Product Description**

HFC-245Fa based Blowing agent formulated polyether polyol to be used in combination with EMPEYONATE IRD 200 for the production of polyurethane rigid foam for thermoware applications

**Properties of Polyol**

Characteristics	Unit	Specification
Appearance	-	Brown Liquid
Density @25°C	cps	300 ± 50
Viscosity @25°C	g/cc	1.05 + 0.03

**Recommended Process Conditions in Bench Mixer at 20°C**

Process Parameters	Units	Value
Mixing ratio (Polyol : Polymeric MDI)	-	100:112
Polyol Temperature	°C	20 + 03
MDI Temperature	°C	20 + 03
Cream time	sec	07-10
Gel time	sec	60-65
Free rise density	kg/m <sup>3</sup>	24-25

**Properties of Foam**

Properties	Test Method	Unit	Value
Overall Density	ASTM D1622	Kg/m <sup>3</sup>	38-40
Compressive strength	ASTM D1621-05A	Kpa	100 (min)
Thermal Conductivity	ASTM C518-98	W/m.K	0.023 (max)
Closed cell content	ASTM D6226	%	>92

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**Packaging Size**

210 kg Nett

**Shelf life**

6 Months

**Storage and  
Handling**

EMPEYOL FST 200/11 and POLYMERIC MDI 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 FST 200/11 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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