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Product Name

EMPEYOL FSR 200/2XF

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 spray foam application.

Properties of Polyol

Characteristics	Unit	Specification
Appearance	-	Brown Liquid
Density @25°C	cps	300 ± 50
Viscosity @25°C	g/cc	1.140 + 0.03

Recommended Process Conditions in Bench Mixer at 20°C

Process Parameters	Units	Value
Mixing ratio (Polyol : PolymericMDI)	-	100:100
Polyol Temperature	°C	20 + 03
MDI Temperature	°C	20 + 03
Cream time	sec	04 - 06
Gel time	sec	14-16
Free rise density	kg/m ³	25-26

Properties of Foam

Properties	Test Method	Unit	Value
Overall Density	ASTM D1622	Kg/m ³	40-42
Compressive strength	ASTM D1621-05A	Kpa	120 (min)
Thermal Conductivity	ASTM C518-98	W/m.K	0.023 (max)
Closed cell content	ASTM D6226	%	>94

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Packaging Size

210 Kg Nett

Shelf life

6 Months

**Storage and
Handling**

EMPEYOL FSR 200/2XF 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 FSR 200/2XF 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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