

Product Name

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EMPEYOL WSR 200/ 7XF

Product Description

EMPEYOL WSR 200/ 7XF is an eco-friendly water blown formulated polyether polyol to be used in combination with EMPEYONATE IRD 200. This is used for the production of **discontinuous panel** polyurethane type rigid foams for insulation applications.

Properties of Polyol

Characteristics	Unit	Specification
Appearance	-	Yellow to brown liquid
Density @25°C	cps	500 ± 100
Viscosity @25°C	g/cc	1.15 – 1.170

Recommended Process Conditions in Bench Mixer at 20°C

Process Parameters	Units	Value
Mixing ratio (Polyol : Polymeric MDI)	-	100: 170
Polyol Temperature	°C	21 ± 3
MDI Temperature	°C	21 ± 3
Cream time	sec	35- 40
Gel time	sec	160 - 180
Free rise density	kg/m ³	30 ± 2

Properties of Foam

Properties	Test Method	Unit	Value
Overall Density	ASTM D1622	Kg/m ³	42 (min)
Compressive strength	ASTM D1621-05A	Kpa	100 (min)
Thermal Conductivity	ASTM C518-98	W/m.K	0.025
Closed cell content	ASTM D6226	%	> 92%

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Packaging Size

210 Kg

Shelf life

6 Months

**Storage and
Handling**

EMPEYOL WSR 200/ 7XF 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 WSR 200/ 7XF 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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