

Product Name

 Date of issue: Aug. 2020
 Revision No : 0

EMPEYOL EST 200/11

Product Description

Ecomate 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	1.10 + 0.05

Recommended Process Conditions in Bench Mixer at 20°C

Process Parameters	Units	Value
Mixing ratio (Polyol : Polymeric MDI)	-	100:135
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 ³	24-25

Properties of Foam

Properties	Test Method	Unit	Value
Overall Density	ASTM D1622	Kg/m ³	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

The information in this data sheet is believed to be accurate but all recommendations are made without warranty since the conditions of use are beyond the company's control. MPL disclaims any liability in connection with use of the information and does not warrant against infringement by reason of the use of any of its products in combination with other materials or in any process.

Packaging Size

210 kg

Shelf life

6 Months

**Storage and
Handling**

EMPEYOL EST 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.

The information in this data sheet is believed to be accurate but all recommendations are made without warranty since the conditions of use are beyond the company's control. MPL disclaims any liability in connection with use of the information and does not warrant against infringement by reason of the use of any of its products in combination with other materials or in any process.