

WHITECHEM RFG 225

GENERAL DESCRIPTION AND APPLICATIONS

WHITECHEM RFG 225 is a polyol formulation used to produce insulation for refrigerators and freezers. The use of special additives gives a fine cell structure, good adhesion to the walls and giving foam with a very good insulating properties. The product is conforms the Euro class E according to EN 13501-1 classification standard.

CHEMICAL- PHYSICAL CHARACTERISTICS

| | Unit of Meas. | Polyol | Isocyanate | Method |
|--------------------------|---------------|-----------|------------|---------------------|
| Appearance* | visual | visual | visual | - |
| Colour* | - | yellow | dark brown | - |
| Viscosity at 25 °C* | mPa·s | 350±100 | 150 - 260 | TS 5833-EN ISO 3219 |
| Specific gravity at 25°C | g/mL | 1,13±0,01 | 1,24±0,01 | TS EN ISO 2811-1 |

* Parameters under control

DIRECTION FOR PROCESSING

| | Unit of Meas. | Value |
|-------------------|-------------------|-----------|
| Mixing Ratio | g | 100 : 120 |
| Cream time | sec. | 15-20 |
| Gel Time | sec. | 100-120 |
| Tack Free Time | sec. | 140-160 |
| Free Rise Density | kg/m ³ | 25-27 |

Note: Measured under laboratory hand mix conditions.

- Polyurethane components are moisture sensitive. Therefore they must be stored at all times in sealed, closed containers.
- Polyol blend must be mixed before use.

| | Unit of Meas. | Value |
|------------------------|---------------|-------|
| Polyol Temperature | °C | 20-22 |
| Isocyanate Temperature | °C | 20-22 |
| Mold Temperature | °C | 35-45 |

STORAGE

| | Unit | Polyol Blend | Isocyanate |
|---------------------|--------|--------------|------------|
| Storage Temperature | °C | 15-25 | 15-25 |
| Shelf Life | Months | 6 | 6 |

*Stored in original sealed drums in a dry place at recommended temperatures.

PACKAGING

Polyol blend: 220 Kg

Polymeric MDI: 250 Kg

SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTE

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