**LOOSE WOOL**

**KNAUF INSULATION POWER-TEK LW CRY**

**Type of Insulation:**

Loose rock mineral wool without binder for the insulation of cavities with cryogenic temperatures like e.g. cold boxes

The loose wool must have certifications and CE marking in accordance with EN 14303.

**Description:**

Loose rock mineral wool without binder.

**Main characteristics:**

1. Fire

The loose wool shall be non-combustible with the following reaction to fire according to
EN 13501-1: A1.

2. Thermal

The thermal conductivity λ-value shall be according to EN 12667:

0,014 W/(mK) at -180 °C

0,021 W/(mK) at -100°C

0,026 W/(mK) at -50 °C

0,033 W/(mK) at 0 °C

0,041 W/(mK) at 50 °C

The maximum service temperature is measured according to EN ISO 18097 and shall be minimum
150 °C.

3. Chemicals

AS quality, according to EN ISO 12624: content of chlorides less than 10 ppm.

4. Dimension tolerances

NA

5. Other certifications

Linde certification acc. to Linde standard LS 152-01

6. Other requirements

Organic content according to LS 152-01: below 0,3-mass%

Water vapour diffusion resistance coefficient, according to EN 14303: µ= 1.

Melting point of fibres, according to DIN 4102-17: ≥ 1000 °C.

**EN designation code:**

NA

**Standard Dimensions:**

NA